

Historical Trends in Annual Heat Input Data

Purpose: The purpose of this analysis is to determine the extent and frequency of periods showing a decline in annual heat input data.

Background: Several commenters to the SIP Call NODA suggested that methodology EPA used to derive the 2007 ozone season heat inputs was flawed because some states were already above their projected 2007 levels.

Procedure: EPA examined annual heat input data covering the period 1960 to 2000. We obtained the data from the Department of Energy's Energy Information Administration annual reports for the electric utility industry. Specifically, we wanted to see how often and over what time periods declines in annual heat input levels occurred. We looked at 10 different time intervals ranging from 1 year to 10 years, and calculated the percentage change in annual heat input over each time period using the heat input values at the beginning and end of the time interval. We also identified for each of the time intervals the specific time period (years) yielding the largest decline in annual heat input.

Results: All states show a number of time periods where their annual heat input declined. Most states showed declines over multiple time intervals and within any time interval nearly all the states had multiple periods of declines. The magnitudes of the heat input declines ranged from about zero (flat heat growth) to as high as 95%.

Annual Heat Input

ALABAMA			Percentage Change Annual Heat Input									
YEAR	HI TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	185	1.000										
1961	209	1.130	13.0%									
1962	239	1.292	14.4%	29.2%								
1963	262	1.416	9.6%	25.4%	41.6%							
1964	258	1.395	-1.5%	7.9%	23.4%	39.5%						
1965	304	1.643	17.8%	16.0%	27.2%	45.5%	64.3%					
1966	344	1.859	13.2%	33.3%	31.3%	43.9%	64.6%	85.9%				
1967	336	1.816	-2.3%	10.5%	30.2%	28.2%	40.6%	60.8%	81.6%			
1968	371	2.005	10.4%	7.8%	22.0%	43.8%	41.6%	55.2%	77.5%	100.5%		
1969	381	2.059	2.7%	13.4%	10.8%	25.3%	47.7%	45.4%	59.4%	82.3%	105.9%	
1970	400	2.162	5.0%	7.8%	19.0%	16.3%	31.6%	55.0%	52.7%	67.4%	91.4%	116.2%
1971	372	2.011	-7.0%	-2.4%	0.3%	10.7%	8.1%	22.4%	44.2%	42.0%	55.6%	78.0%
1972	399	2.157	7.3%	-0.2%	4.7%	7.5%	18.8%	16.0%	31.3%	54.7%	52.3%	66.9%
1973	453	2.449	13.5%	21.8%	13.3%	18.9%	22.1%	34.8%	31.7%	49.0%	75.6%	72.9%
1974	427	2.308	-5.7%	7.0%	14.8%	6.7%	12.1%	15.1%	27.1%	24.1%	40.5%	65.5%
1975	411	2.222	-3.7%	-9.3%	3.0%	10.5%	2.7%	7.9%	10.8%	22.3%	19.5%	35.2%
1976	422	2.281	2.7%	-1.2%	-6.8%	5.8%	13.4%	5.5%	10.8%	13.7%	25.6%	22.7%
1977	446	2.411	5.7%	8.5%	4.4%	-1.5%	11.8%	19.9%	11.5%	17.1%	20.2%	32.7%
1978	407	2.200	-8.7%	-3.6%	-1.0%	-4.7%	-10.2%	2.0%	9.4%	1.8%	6.8%	9.7%
1979	453	2.449	11.3%	1.6%	7.3%	10.2%	6.1%	0.0%	13.5%	21.8%	13.3%	18.9%
1980	472	2.551	4.2%	16.0%	5.8%	11.8%	14.8%	10.5%	4.2%	18.3%	26.9%	18.0%
1981	471	2.546	-0.2%	4.0%	15.7%	5.6%	11.6%	14.6%	10.3%	4.0%	18.0%	26.6%
1982	377	2.038	-20.0%	-20.1%	-16.8%	-7.4%	-15.5%	-10.7%	-8.3%	-11.7%	-16.8%	-5.5%
1983	412	2.227	9.3%	-12.5%	-12.7%	-9.1%	1.2%	-7.6%	-2.4%	0.2%	-3.5%	-9.1%
1984	429	2.319	4.1%	13.8%	-8.9%	-9.1%	-5.3%	5.4%	-3.8%	1.7%	4.4%	0.5%
1985	522	2.822	21.7%	26.7%	38.5%	10.8%	10.6%	15.2%	28.3%	17.0%	23.7%	27.0%
1986	524	2.832	0.4%	22.1%	27.2%	39.0%	11.3%	11.0%	15.7%	28.7%	17.5%	24.2%
1987	509	2.751	-2.9%	-2.5%	18.6%	23.5%	35.0%	8.1%	7.8%	12.4%	25.1%	14.1%
1988	491	2.654	-3.5%	-6.3%	-5.9%	14.5%	19.2%	30.2%	4.2%	4.0%	8.4%	20.6%
1989	529	2.859	7.7%	3.9%	1.0%	1.3%	23.3%	28.4%	40.3%	12.3%	12.1%	16.8%
1990	537	2.903	1.5%	9.4%	5.5%	2.5%	2.9%	25.2%	30.3%	42.4%	14.0%	13.8%
1991	579	3.130	7.8%	9.5%	17.9%	13.8%	10.5%	10.9%	35.0%	40.5%	53.6%	22.9%
1992	607	3.281	4.8%	13.0%	14.7%	23.6%	19.3%	15.8%	16.3%	41.5%	47.3%	61.0%
1993	672	3.632	10.7%	16.1%	25.1%	27.0%	36.9%	32.0%	28.2%	28.7%	56.6%	63.1%
1994	629	3.400	-6.4%	3.6%	8.6%	17.1%	18.9%	28.1%	23.6%	20.0%	20.5%	46.6%
1995	691	3.735	9.9%	2.8%	13.8%	19.3%	28.7%	30.6%	40.7%	35.8%	31.9%	32.4%
1996	744	4.022	7.7%	18.3%	10.7%	22.6%	28.5%	38.5%	40.6%	51.5%	46.2%	42.0%
1997	725	3.919	-2.6%	4.9%	15.3%	7.9%	19.4%	25.2%	35.0%	37.1%	47.7%	42.4%
1998	755	4.081	4.1%	1.5%	9.3%	20.0%	12.4%	24.4%	30.4%	40.6%	42.7%	53.8%
1999	765	4.135	1.3%	5.5%	2.8%	10.7%	21.6%	13.8%	26.0%	32.1%	42.5%	44.6%
2000	814	4.400	6.4%	7.8%	12.3%	9.4%	17.8%	29.4%	21.1%	34.1%	40.6%	51.6%
			Max									
			21.7%	33.3%	41.6%	45.5%	64.6%	85.9%	81.6%	100.5%	105.9%	116.2%

Annual Heat Input

ALABAMA			Period of Maximum Decline										
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR	
1960	185	1.000											
1961	209	1.130	0										
1962	239	1.292	0	0									
1963	262	1.416	0	0	0								
1964	258	1.395	0	0	0	0							
1965	304	1.643	0	0	0	0	0						
1966	344	1.859	0	0	0	0	0	0					
1967	336	1.816	0	0	0	0	0	0	0				
1968	371	2.005	0	0	0	0	0	0	0	0			
1969	381	2.059	0	0	0	0	0	0	0	0	0		
1970	400	2.162	0	0	0	0	0	0	0	0	0	0	
1971	372	2.011	0	0	0	0	0	0	0	0	0	0	
1972	399	2.157	0	0	0	0	0	0	0	0	0	0	
1973	453	2.449	0	0	0	0	0	0	0	0	0	0	
1974	427	2.308	0	0	0	0	0	0	0	0	0	0	
1975	411	2.222	0	0	0	0	0	0	0	0	0	0	
1976	422	2.281	0	0	0	0	0	0	0	0	0	0	
1977	446	2.411	0	0	0	0	0	0	0	0	0	0	
1978	407	2.200	0	0	0	0	0	0	0	0	0	0	
1979	453	2.449	0	0	0	0	0	0	0	0	0	0	
1980	472	2.551	0	0	0	0	0	0	0	0	0	0	
1981	471	2.546	0	0	0	0	0	0	0	0	0	0	
1982	377	2.038	1981 - 1982	1980 - 1982	1979 - 1982	0	1977 - 1982	1976 - 1982	1975 - 1982	1974 - 1982	1973 - 1982	0	
1983	412	2.227	0	0	0	0	0	0	0	0	0	1973 - 1983	
1984	429	2.319	0	0	0	1980 - 1984	0	0	0	0	0	0	
1985	522	2.822	0	0	0	0	0	0	0	0	0	0	
1986	524	2.832	0	0	0	0	0	0	0	0	0	0	
1987	509	2.751	0	0	0	0	0	0	0	0	0	0	
1988	491	2.654	0	0	0	0	0	0	0	0	0	0	
1989	529	2.859	0	0	0	0	0	0	0	0	0	0	
1990	537	2.903	0	0	0	0	0	0	0	0	0	0	
1991	579	3.130	0	0	0	0	0	0	0	0	0	0	
1992	607	3.281	0	0	0	0	0	0	0	0	0	0	
1993	672	3.632	0	0	0	0	0	0	0	0	0	0	
1994	629	3.400	0	0	0	0	0	0	0	0	0	0	
1995	691	3.735	0	0	0	0	0	0	0	0	0	0	
1996	744	4.022	0	0	0	0	0	0	0	0	0	0	
1997	725	3.919	0	0	0	0	0	0	0	0	0	0	
1998	755	4.081	0	0	0	0	0	0	0	0	0	0	
1999	765	4.135	0	0	0	0	0	0	0	0	0	0	
2000	814	4.400	0	0	0	0	0	0	0	0	0	0	
			Min	-20.0%	-20.1%	-16.8%	-9.1%	-15.5%	-10.7%	-8.3%	-11.7%	-16.8%	-9.1%

Annual Heat Input

ALABAMA			All Periods of Declines									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	185	1.000										
1961	209	1.130	0									
1962	239	1.292	0	0								
1963	262	1.416	0	0	0							
1964	258	1.395	1963 - 1964	0	0	0						
1965	304	1.643	0	0	0	0	0					
1966	344	1.859	0	0	0	0	0	0				
1967	336	1.816	1966 - 1967	0	0	0	0	0	0			
1968	371	2.005	0	0	0	0	0	0	0	0		
1969	381	2.059	0	0	0	0	0	0	0	0	0	
1970	400	2.162	0	0	0	0	0	0	0	0	0	0
1971	372	2.011	1970 - 1971	1969 - 1971	0	0	0	0	0	0	0	0
1972	399	2.157	0	1970 - 1972	0	0	0	0	0	0	0	0
1973	453	2.449	0	0	0	0	0	0	0	0	0	0
1974	427	2.308	1973 - 1974	0	0	0	0	0	0	0	0	0
1975	411	2.222	1974 - 1975	1973 - 1975	0	0	0	0	0	0	0	0
1976	422	2.281	0	1974 - 1976	1973 - 1976	0	0	0	0	0	0	0
1977	446	2.411	0	0	0	1973 - 1977	0	0	0	0	0	0
1978	407	2.200	1977 - 1978	1976 - 1978	1975 - 1978	1974 - 1978	1973 - 1978	0	0	0	0	0
1979	453	2.449	0	0	0	0	0	1973 - 1979	0	0	0	0
1980	472	2.551	0	0	0	0	0	0	0	0	0	0
1981	471	2.546	1980 - 1981	0	0	0	0	0	0	0	0	0
1982	377	2.038	1981 - 1982	1980 - 1982	1979 - 1982	1978 - 1982	1977 - 1982	1976 - 1982	1975 - 1982	1974 - 1982	1973 - 1982	1972 - 1982
1983	412	2.227	0	1981 - 1983	1980 - 1983	1979 - 1983	0	1977 - 1983	1976 - 1983	0	1974 - 1983	1973 - 1983
1984	429	2.319	0	0	1981 - 1984	1980 - 1984	1979 - 1984	0	1977 - 1984	0	0	0
1985	522	2.822	0	0	0	0	0	0	0	0	0	0
1986	524	2.832	0	0	0	0	0	0	0	0	0	0
1987	509	2.751	1986 - 1987	1985 - 1987	0	0	0	0	0	0	0	0
1988	491	2.654	1987 - 1988	1986 - 1988	1985 - 1988	0	0	0	0	0	0	0
1989	529	2.859	0	0	0	0	0	0	0	0	0	0
1990	537	2.903	0	0	0	0	0	0	0	0	0	0
1991	579	3.130	0	0	0	0	0	0	0	0	0	0
1992	607	3.281	0	0	0	0	0	0	0	0	0	0
1993	672	3.632	0	0	0	0	0	0	0	0	0	0
1994	629	3.400	1993 - 1994	0	0	0	0	0	0	0	0	0
1995	691	3.735	0	0	0	0	0	0	0	0	0	0
1996	744	4.022	0	0	0	0	0	0	0	0	0	0
1997	725	3.919	1996 - 1997	0	0	0	0	0	0	0	0	0
1998	755	4.081	0	0	0	0	0	0	0	0	0	0
1999	765	4.135	0	0	0	0	0	0	0	0	0	0
2000	814	4.400	0	0	0	0	0	0	0	0	0	0

Annual Heat Input

CONNECTICUT			Percentage Change Annual Heat Input									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	87	1.000										
1961	92	1.057	5.7%									
1962	100	1.149	8.7%	14.9%								
1963	106	1.218	6.0%	15.2%	21.8%							
1964	112	1.287	5.7%	12.0%	21.7%	28.7%						
1965	123	1.414	9.8%	16.0%	23.0%	33.7%	41.4%					
1966	137	1.575	11.4%	22.3%	29.2%	37.0%	48.9%	57.5%				
1967	142	1.632	3.6%	15.4%	26.8%	34.0%	42.0%	54.3%	63.2%			
1968	148	1.701	4.2%	8.0%	20.3%	32.1%	39.6%	48.0%	60.9%	70.1%		
1969	165	1.897	11.5%	16.2%	20.4%	34.1%	47.3%	55.7%	65.0%	79.3%	89.7%	
1970	179	2.057	8.5%	20.9%	26.1%	30.7%	45.5%	59.8%	68.9%	79.0%	94.6%	105.7%
1971	174	2.000	-2.8%	5.5%	17.6%	22.5%	27.0%	41.5%	55.4%	64.2%	74.0%	89.1%
1972	185	2.126	6.3%	3.4%	12.1%	25.0%	30.3%	35.0%	50.4%	65.2%	74.5%	85.0%
1973	191	2.195	3.2%	9.8%	6.7%	15.8%	29.1%	34.5%	39.4%	55.3%	70.5%	80.2%
1974	172	1.977	-9.9%	-7.0%	-1.1%	-3.9%	4.2%	16.2%	21.1%	25.5%	39.8%	53.6%
1975	141	1.621	-18.0%	-26.2%	-23.8%	-19.0%	-21.2%	-14.5%	-4.7%	-0.7%	2.9%	14.6%
1976	126	1.448	-10.6%	-26.7%	-34.0%	-31.9%	-27.6%	-29.6%	-23.6%	-14.9%	-11.3%	-8.0%
1977	119	1.368	-5.6%	-15.6%	-30.8%	-37.7%	-35.7%	-31.6%	-33.5%	-27.9%	-19.6%	-16.2%
1978	124	1.425	4.2%	-1.6%	-12.1%	-27.9%	-35.1%	-33.0%	-28.7%	-30.7%	-24.8%	-16.2%
1979	116	1.333	-6.5%	-2.5%	-7.9%	-17.7%	-32.6%	-39.3%	-37.3%	-33.3%	-35.2%	-29.7%
1980	136	1.563	17.2%	9.7%	14.3%	7.9%	-3.5%	-20.9%	-28.8%	-26.5%	-21.8%	-24.0%
1981	115	1.322	-15.4%	-0.9%	-7.3%	-3.4%	-8.7%	-18.4%	-33.1%	-39.8%	-37.8%	-33.9%
1982	110	1.264	-4.3%	-19.1%	-5.2%	-11.3%	-7.6%	-12.7%	-22.0%	-36.0%	-42.4%	-40.5%
1983	124	1.425	12.7%	7.8%	-8.8%	6.9%	0.0%	4.2%	-1.6%	-12.1%	-27.9%	-35.1%
1984	132	1.517	6.5%	20.0%	14.8%	-2.9%	13.8%	6.5%	10.9%	4.8%	-6.4%	-23.3%
1985	129	1.483	-2.3%	4.0%	17.3%	12.2%	-5.1%	11.2%	4.0%	8.4%	2.4%	-8.5%
1986	137	1.575	6.2%	3.8%	10.5%	24.5%	19.1%	0.7%	18.1%	10.5%	15.1%	8.7%
1987	128	1.471	-6.6%	-0.8%	-3.0%	3.2%	16.4%	11.3%	-5.9%	10.3%	3.2%	7.6%
1988	139	1.598	8.6%	1.5%	7.8%	5.3%	12.1%	26.4%	20.9%	2.2%	19.8%	12.1%
1989	146	1.678	5.0%	14.1%	6.6%	13.2%	10.6%	17.7%	32.7%	27.0%	7.4%	25.9%
1990	119	1.368	-18.5%	-14.4%	-7.0%	-13.1%	-7.8%	-9.8%	-4.0%	8.2%	3.5%	-12.5%
1991	109	1.253	-8.4%	-25.3%	-21.6%	-14.8%	-20.4%	-15.5%	-17.4%	-12.1%	-0.9%	-5.2%
1992	79	0.908	-27.5%	-33.6%	-45.9%	-43.2%	-38.3%	-42.3%	-38.8%	-40.2%	-36.3%	-28.2%
1993	65	0.747	-17.7%	-40.4%	-45.4%	-55.5%	-53.2%	-49.2%	-52.6%	-49.6%	-50.8%	-47.6%
1994	66	0.759	1.5%	-16.5%	-39.4%	-44.5%	-54.8%	-52.5%	-48.4%	-51.8%	-48.8%	-50.0%
1995	79	0.908	19.7%	21.5%	0.0%	-27.5%	-33.6%	-45.9%	-43.2%	-38.3%	-42.3%	-38.8%
1996	92	1.057	16.5%	39.4%	41.5%	16.5%	-15.6%	-22.7%	-37.0%	-33.8%	-28.1%	-32.8%
1997	133	1.529	44.6%	68.4%	101.5%	104.6%	68.4%	22.0%	11.8%	-8.9%	-4.3%	3.9%
1998	119	1.368	-10.5%	29.3%	50.6%	80.3%	83.1%	50.6%	9.2%	0.0%	-18.5%	-14.4%
1999	116	1.333	-2.5%	-12.8%	26.1%	46.8%	75.8%	78.5%	46.8%	6.4%	-2.5%	-20.5%
2000	125	1.437	7.8%	5.0%	-6.0%	35.9%	58.2%	89.4%	92.3%	58.2%	14.7%	5.0%
			Max									
			44.6%	68.4%	101.5%	104.6%	83.1%	89.4%	92.3%	79.3%	94.6%	105.7%

Annual Heat Input

CONNECTICUT			Period of Maximum Decline										
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR	
1960	87	1.000											
1961	92	1.057	0										
1962	100	1.149	0	0									
1963	106	1.218	0	0	0								
1964	112	1.287	0	0	0	0							
1965	123	1.414	0	0	0	0	0						
1966	137	1.575	0	0	0	0	0	0					
1967	142	1.632	0	0	0	0	0	0	0				
1968	148	1.701	0	0	0	0	0	0	0	0			
1969	165	1.897	0	0	0	0	0	0	0	0	0		
1970	179	2.057	0	0	0	0	0	0	0	0	0	0	
1971	174	2.000	0	0	0	0	0	0	0	0	0	0	
1972	185	2.126	0	0	0	0	0	0	0	0	0	0	
1973	191	2.195	0	0	0	0	0	0	0	0	0	0	
1974	172	1.977	0	0	0	0	0	0	0	0	0	0	
1975	141	1.621	0	0	0	0	0	0	0	0	0	0	
1976	126	1.448	0	0	0	0	0	0	0	0	0	0	
1977	119	1.368	0	0	0	0	0	0	0	0	0	0	
1978	124	1.425	0	0	0	0	0	0	0	0	0	0	
1979	116	1.333	0	0	0	0	0	0	0	0	0	0	
1980	136	1.563	0	0	0	0	0	0	0	0	0	0	
1981	115	1.322	0	0	0	0	0	0	0	0	0	0	
1982	110	1.264	0	0	0	0	0	0	0	0	0	0	
1983	124	1.425	0	0	0	0	0	0	0	0	0	0	
1984	132	1.517	0	0	0	0	0	0	0	0	0	0	
1985	129	1.483	0	0	0	0	0	0	0	0	0	0	
1986	137	1.575	0	0	0	0	0	0	0	0	0	0	
1987	128	1.471	0	0	0	0	0	0	0	0	0	0	
1988	139	1.598	0	0	0	0	0	0	0	0	0	0	
1989	146	1.678	0	0	0	0	0	0	0	0	0	0	
1990	119	1.368	0	0	0	0	0	0	0	0	0	0	
1991	109	1.253	0	0	0	0	0	0	0	0	0	0	
1992	79	0.908	1991 - 1992	0	1989 - 1992	0	0	0	0	0	0	0	
1993	65	0.747	0	1991 - 1993	0	1989 - 1993	0	0	1986 - 1993	0	1984 - 1993	0	
1994	66	0.759	0	0	0	0	1989 - 1994	1988 - 1994	0	1986 - 1994	0	1984 - 1994	
1995	79	0.908	0	0	0	0	0	0	0	0	0	0	
1996	92	1.057	0	0	0	0	0	0	0	0	0	0	
1997	133	1.529	0	0	0	0	0	0	0	0	0	0	
1998	119	1.368	0	0	0	0	0	0	0	0	0	0	
1999	116	1.333	0	0	0	0	0	0	0	0	0	0	
2000	125	1.437	0	0	0	0	0	0	0	0	0	0	
			Min	-27.5%	-40.4%	-45.9%	-55.5%	-54.8%	-52.5%	-52.6%	-51.8%	-50.8%	-50.0%

Annual Heat Input

CONNECTICUT			All Periods of Declines									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	87	1.000										
1961	92	1.057	0									
1962	100	1.149	0	0								
1963	106	1.218	0	0	0							
1964	112	1.287	0	0	0	0						
1965	123	1.414	0	0	0	0	0					
1966	137	1.575	0	0	0	0	0	0				
1967	142	1.632	0	0	0	0	0	0	0			
1968	148	1.701	0	0	0	0	0	0	0	0		
1969	165	1.897	0	0	0	0	0	0	0	0	0	
1970	179	2.057	0	0	0	0	0	0	0	0	0	0
1971	174	2.000	1970 - 1971	0	0	0	0	0	0	0	0	0
1972	185	2.126	0	0	0	0	0	0	0	0	0	0
1973	191	2.195	0	0	0	0	0	0	0	0	0	0
1974	172	1.977	1973 - 1974	1972 - 1974	1971 - 1974	1970 - 1974	0	0	0	0	0	0
1975	141	1.621	1974 - 1975	1973 - 1975	1972 - 1975	1971 - 1975	1970 - 1975	1969 - 1975	1968 - 1975	1967 - 1975	0	0
1976	126	1.448	1975 - 1976	1974 - 1976	1973 - 1976	1972 - 1976	1971 - 1976	1970 - 1976	1969 - 1976	1968 - 1976	1967 - 1976	1966 - 1976
1977	119	1.368	1976 - 1977	1975 - 1977	1974 - 1977	1973 - 1977	1972 - 1977	1971 - 1977	1970 - 1977	1969 - 1977	1968 - 1977	1967 - 1977
1978	124	1.425	0	1976 - 1978	1975 - 1978	1974 - 1978	1973 - 1978	1972 - 1978	1971 - 1978	1970 - 1978	1969 - 1978	1968 - 1978
1979	116	1.333	1978 - 1979	1977 - 1979	1976 - 1979	1975 - 1979	1974 - 1979	1973 - 1979	1972 - 1979	1971 - 1979	1970 - 1979	1969 - 1979
1980	136	1.563	0	0	0	0	1975 - 1980	1974 - 1980	1973 - 1980	1972 - 1980	1971 - 1980	1970 - 1980
1981	115	1.322	1980 - 1981	1979 - 1981	1978 - 1981	1977 - 1981	1976 - 1981	1975 - 1981	1974 - 1981	1973 - 1981	1972 - 1981	1971 - 1981
1982	110	1.264	1981 - 1982	1980 - 1982	1979 - 1982	1978 - 1982	1977 - 1982	1976 - 1982	1975 - 1982	1974 - 1982	1973 - 1982	1972 - 1982
1983	124	1.425	0	0	1980 - 1983	0	1978 - 1983	0	1976 - 1983	1975 - 1983	1974 - 1983	1973 - 1983
1984	132	1.517	0	0	0	1980 - 1984	0	0	0	0	1975 - 1984	1974 - 1984
1985	129	1.483	1984 - 1985	0	0	0	1980 - 1985	0	0	0	0	1975 - 1985
1986	137	1.575	0	0	0	0	0	0	0	0	0	0
1987	128	1.471	1986 - 1987	1985 - 1987	1984 - 1987	0	0	0	1980 - 1987	0	0	0
1988	139	1.598	0	0	0	0	0	0	0	0	0	0
1989	146	1.678	0	0	0	0	0	0	0	0	0	0
1990	119	1.368	1989 - 1990	1988 - 1990	1987 - 1990	1986 - 1990	1985 - 1990	1984 - 1990	1983 - 1990	0	0	1980 - 1990
1991	109	1.253	1990 - 1991	1989 - 1991	1988 - 1991	1987 - 1991	1986 - 1991	1985 - 1991	1984 - 1991	1983 - 1991	1982 - 1991	1981 - 1991
1992	79	0.908	1991 - 1992	1990 - 1992	1989 - 1992	1988 - 1992	1987 - 1992	1986 - 1992	1985 - 1992	1984 - 1992	1983 - 1992	1982 - 1992
1993	65	0.747	1992 - 1993	1991 - 1993	1990 - 1993	1989 - 1993	1988 - 1993	1987 - 1993	1986 - 1993	1985 - 1993	1984 - 1993	1983 - 1993
1994	66	0.759	0	1992 - 1994	1991 - 1994	1990 - 1994	1989 - 1994	1988 - 1994	1987 - 1994	1986 - 1994	1985 - 1994	1984 - 1994
1995	79	0.908	0	0	1992 - 1995	1991 - 1995	1990 - 1995	1989 - 1995	1988 - 1995	1987 - 1995	1986 - 1995	1985 - 1995
1996	92	1.057	0	0	0	0	1991 - 1996	1990 - 1996	1989 - 1996	1988 - 1996	1987 - 1996	1986 - 1996
1997	133	1.529	0	0	0	0	0	0	0	1989 - 1997	1988 - 1997	0
1998	119	1.368	1997 - 1998	0	0	0	0	0	0	1990 - 1998	1989 - 1998	1988 - 1998
1999	116	1.333	1998 - 1999	1997 - 1999	0	0	0	0	0	0	1990 - 1999	1989 - 1999
2000	125	1.437	0	0	1997 - 2000	0	0	0	0	0	0	0

Annual Heat Input

DELAWARE			Percentage Change Annual Heat Input									
YEAR	HI TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	22	1.000										
1961	23	1.045	4.5%									
1962	26	1.182	13.0%	18.2%								
1963	30	1.364	15.4%	30.4%	36.4%							
1964	33	1.500	10.0%	26.9%	43.5%	50.0%						
1965	34	1.545	3.0%	13.3%	30.8%	47.8%	54.5%					
1966	43	1.955	26.5%	30.3%	43.3%	65.4%	87.0%	95.5%				
1967	45	2.045	4.7%	32.4%	36.4%	50.0%	73.1%	95.7%	104.5%			
1968	50	2.273	11.1%	16.3%	47.1%	51.5%	66.7%	92.3%	117.4%	127.3%		
1969	52	2.364	4.0%	15.6%	20.9%	52.9%	57.6%	73.3%	100.0%	126.1%	136.4%	
1970	59	2.682	13.5%	18.0%	31.1%	37.2%	73.5%	78.8%	96.7%	126.9%	156.5%	168.2%
1971	58	2.636	-1.7%	11.5%	16.0%	28.9%	34.9%	70.6%	75.8%	93.3%	123.1%	152.2%
1972	57	2.591	-1.7%	-3.4%	9.6%	14.0%	26.7%	32.6%	67.6%	72.7%	90.0%	119.2%
1973	63	2.864	10.5%	8.6%	6.8%	21.2%	26.0%	40.0%	46.5%	85.3%	90.9%	110.0%
1974	73	3.318	15.9%	28.1%	25.9%	23.7%	40.4%	46.0%	62.2%	69.8%	114.7%	121.2%
1975	65	2.955	-11.0%	3.2%	14.0%	12.1%	10.2%	25.0%	30.0%	44.4%	51.2%	91.2%
1976	69	3.136	6.2%	-5.5%	9.5%	21.1%	19.0%	16.9%	32.7%	38.0%	53.3%	60.5%
1977	69	3.136	0.0%	6.2%	-5.5%	9.5%	21.1%	19.0%	16.9%	32.7%	38.0%	53.3%
1978	75	3.409	8.7%	8.7%	15.4%	2.7%	19.0%	31.6%	29.3%	27.1%	44.2%	50.0%
1979	74	3.364	-1.3%	7.2%	7.2%	13.8%	1.4%	17.5%	29.8%	27.6%	25.4%	42.3%
1980	72	3.273	-2.7%	-4.0%	4.3%	4.3%	10.8%	-1.4%	14.3%	26.3%	24.1%	22.0%
1981	87	3.955	20.8%	17.6%	16.0%	26.1%	26.1%	33.8%	19.2%	38.1%	52.6%	50.0%
1982	73	3.318	-16.1%	1.4%	-1.4%	-2.7%	5.8%	5.8%	12.3%	0.0%	15.9%	28.1%
1983	99	4.500	35.6%	13.8%	37.5%	33.8%	32.0%	43.5%	43.5%	52.3%	35.6%	57.1%
1984	98	4.455	-1.0%	34.2%	12.6%	36.1%	32.4%	30.7%	42.0%	42.0%	50.8%	34.2%
1985	93	4.227	-5.1%	-6.1%	27.4%	6.9%	29.2%	25.7%	24.0%	34.8%	34.8%	43.1%
1986	89	4.045	-4.3%	-9.2%	-10.1%	21.9%	2.3%	23.6%	20.3%	18.7%	29.0%	29.0%
1987	91	4.136	2.2%	-2.2%	-7.1%	-8.1%	24.7%	4.6%	26.4%	23.0%	21.3%	31.9%
1988	94	4.273	3.3%	5.6%	1.1%	-4.1%	-5.1%	28.8%	8.0%	30.6%	27.0%	25.3%
1989	91	4.136	-3.2%	0.0%	2.2%	-2.2%	-7.1%	-8.1%	24.7%	4.6%	26.4%	23.0%
1990	87	3.955	-4.4%	-7.4%	-4.4%	-2.2%	-6.5%	-11.2%	-12.1%	19.2%	0.0%	20.8%
1991	92	4.182	5.7%	1.1%	-2.1%	1.1%	3.4%	-1.1%	-6.1%	-7.1%	26.0%	5.7%
1992	79	3.591	-14.1%	-9.2%	-13.2%	-16.0%	-13.2%	-11.2%	-15.1%	-19.4%	-20.2%	8.2%
1993	90	4.091	13.9%	-2.2%	3.4%	-1.1%	-4.3%	-1.1%	1.1%	-3.2%	-8.2%	-9.1%
1994	87	3.955	-3.3%	10.1%	-5.4%	0.0%	-4.4%	-7.4%	-4.4%	-2.2%	-6.5%	-11.2%
1995	85	3.864	-2.3%	-5.6%	7.6%	-7.6%	-2.3%	-6.6%	-9.6%	-6.6%	-4.5%	-8.6%
1996	83	3.773	-2.4%	-4.6%	-7.8%	5.1%	-9.8%	-4.6%	-8.8%	-11.7%	-8.8%	-6.7%
1997	70	3.182	-15.7%	-17.6%	-19.5%	-22.2%	-11.4%	-23.9%	-19.5%	-23.1%	-25.5%	-23.1%
1998	65	2.955	-7.1%	-21.7%	-23.5%	-25.3%	-27.8%	-17.7%	-29.3%	-25.3%	-28.6%	-30.9%
1999	65	2.955	0.0%	-7.1%	-21.7%	-23.5%	-25.3%	-27.8%	-17.7%	-29.3%	-25.3%	-28.6%
2000	62	2.818	-4.6%	-4.6%	-11.4%	-25.3%	-27.1%	-28.7%	-31.1%	-21.5%	-32.6%	-28.7%
			Max									
			35.6%	34.2%	47.1%	65.4%	87.0%	95.7%	117.4%	127.3%	156.5%	168.2%

Annual Heat Input

DELAWARE			Period of Maximum Decline										
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR	
1960	22	1.000											
1961	23	1.045	0										
1962	26	1.182	0	0									
1963	30	1.364	0	0	0								
1964	33	1.500	0	0	0	0							
1965	34	1.545	0	0	0	0	0						
1966	43	1.955	0	0	0	0	0	0					
1967	45	2.045	0	0	0	0	0	0	0				
1968	50	2.273	0	0	0	0	0	0	0	0			
1969	52	2.364	0	0	0	0	0	0	0	0	0		
1970	59	2.682	0	0	0	0	0	0	0	0	0	0	
1971	58	2.636	0	0	0	0	0	0	0	0	0	0	
1972	57	2.591	0	0	0	0	0	0	0	0	0	0	
1973	63	2.864	0	0	0	0	0	0	0	0	0	0	
1974	73	3.318	0	0	0	0	0	0	0	0	0	0	
1975	65	2.955	0	0	0	0	0	0	0	0	0	0	
1976	69	3.136	0	0	0	0	0	0	0	0	0	0	
1977	69	3.136	0	0	0	0	0	0	0	0	0	0	
1978	75	3.409	0	0	0	0	0	0	0	0	0	0	
1979	74	3.364	0	0	0	0	0	0	0	0	0	0	
1980	72	3.273	0	0	0	0	0	0	0	0	0	0	
1981	87	3.955	0	0	0	0	0	0	0	0	0	0	
1982	73	3.318	1981 - 1982	0	0	0	0	0	0	0	0	0	
1983	99	4.500	0	0	0	0	0	0	0	0	0	0	
1984	98	4.455	0	0	0	0	0	0	0	0	0	0	
1985	93	4.227	0	0	0	0	0	0	0	0	0	0	
1986	89	4.045	0	0	0	0	0	0	0	0	0	0	
1987	91	4.136	0	0	0	0	0	0	0	0	0	0	
1988	94	4.273	0	0	0	0	0	0	0	0	0	0	
1989	91	4.136	0	0	0	0	0	0	0	0	0	0	
1990	87	3.955	0	0	0	0	0	0	0	0	0	0	
1991	92	4.182	0	0	0	0	0	0	0	0	0	0	
1992	79	3.591	0	0	0	0	0	0	0	0	0	0	
1993	90	4.091	0	0	0	0	0	0	0	0	0	0	
1994	87	3.955	0	0	0	0	0	0	0	0	0	0	
1995	85	3.864	0	0	0	0	0	0	0	0	0	0	
1996	83	3.773	0	0	0	0	0	0	0	0	0	0	
1997	70	3.182	0	0	0	0	0	0	0	0	0	0	
1998	65	2.955	0	1996 - 1998	1995 - 1998	0	1993 - 1998	0	0	0	0	1988 - 1998	
1999	65	2.955	0	0	0	0	0	0	0	1991 - 1999	0	0	
2000	62	2.818	0	0	0	1996 - 2000	0	1994 - 2000	1993 - 2000	0	1991 - 2000	0	
			Min	-16.1%	-21.7%	-23.5%	-25.3%	-27.8%	-28.7%	-31.1%	-29.3%	-32.6%	-30.9%

Annual Heat Input

DELAWARE			All Periods of Declines									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	22	1.000										
1961	23	1.045	0									
1962	26	1.182	0	0								
1963	30	1.364	0	0	0							
1964	33	1.500	0	0	0	0						
1965	34	1.545	0	0	0	0	0					
1966	43	1.955	0	0	0	0	0	0				
1967	45	2.045	0	0	0	0	0	0	0			
1968	50	2.273	0	0	0	0	0	0	0	0		
1969	52	2.364	0	0	0	0	0	0	0	0	0	
1970	59	2.682	0	0	0	0	0	0	0	0	0	0
1971	58	2.636	1970 - 1971	0	0	0	0	0	0	0	0	0
1972	57	2.591	1971 - 1972	1970 - 1972	0	0	0	0	0	0	0	0
1973	63	2.864	0	0	0	0	0	0	0	0	0	0
1974	73	3.318	0	0	0	0	0	0	0	0	0	0
1975	65	2.955	1974 - 1975	0	0	0	0	0	0	0	0	0
1976	69	3.136	0	1974 - 1976	0	0	0	0	0	0	0	0
1977	69	3.136	1976 - 1977	0	1974 - 1977	0	0	0	0	0	0	0
1978	75	3.409	0	0	0	0	0	0	0	0	0	0
1979	74	3.364	1978 - 1979	0	0	0	0	0	0	0	0	0
1980	72	3.273	1979 - 1980	1978 - 1980	0	0	0	1974 - 1980	0	0	0	0
1981	87	3.955	0	0	0	0	0	0	0	0	0	0
1982	73	3.318	1981 - 1982	0	1979 - 1982	1978 - 1982	0	0	0	1974 - 1982	0	0
1983	99	4.500	0	0	0	0	0	0	0	0	0	0
1984	98	4.455	1983 - 1984	0	0	0	0	0	0	0	0	0
1985	93	4.227	1984 - 1985	1983 - 1985	0	0	0	0	0	0	0	0
1986	89	4.045	1985 - 1986	1984 - 1986	1983 - 1986	0	0	0	0	0	0	0
1987	91	4.136	0	1985 - 1987	1984 - 1987	1983 - 1987	0	0	0	0	0	0
1988	94	4.273	0	0	0	1984 - 1988	1983 - 1988	0	0	0	0	0
1989	91	4.136	1988 - 1989	1987 - 1989	0	1985 - 1989	1984 - 1989	1983 - 1989	0	0	0	0
1990	87	3.955	1989 - 1990	1988 - 1990	1987 - 1990	1986 - 1990	1985 - 1990	1984 - 1990	1983 - 1990	0	1981 - 1990	0
1991	92	4.182	0	0	1988 - 1991	0	0	1985 - 1991	1984 - 1991	1983 - 1991	0	0
1992	79	3.591	1991 - 1992	1990 - 1992	1989 - 1992	1988 - 1992	1987 - 1992	1986 - 1992	1985 - 1992	1984 - 1992	1983 - 1992	0
1993	90	4.091	0	1991 - 1993	0	1989 - 1993	1988 - 1993	1987 - 1993	0	1985 - 1993	1984 - 1993	1983 - 1993
1994	87	3.955	1993 - 1994	0	1991 - 1994	1990 - 1994	1989 - 1994	1988 - 1994	1987 - 1994	1986 - 1994	1985 - 1994	1984 - 1994
1995	85	3.864	1994 - 1995	1993 - 1995	0	1991 - 1995	1990 - 1995	1989 - 1995	1988 - 1995	1987 - 1995	1986 - 1995	1985 - 1995
1996	83	3.773	1995 - 1996	1994 - 1996	1993 - 1996	0	1991 - 1996	1990 - 1996	1989 - 1996	1988 - 1996	1987 - 1996	1986 - 1996
1997	70	3.182	1996 - 1997	1995 - 1997	1994 - 1997	1993 - 1997	1992 - 1997	1991 - 1997	1990 - 1997	1989 - 1997	1988 - 1997	1987 - 1997
1998	65	2.955	1997 - 1998	1996 - 1998	1995 - 1998	1994 - 1998	1993 - 1998	1992 - 1998	1991 - 1998	1990 - 1998	1989 - 1998	1988 - 1998
1999	65	2.955	1998 - 1999	1997 - 1999	1996 - 1999	1995 - 1999	1994 - 1999	1993 - 1999	1992 - 1999	1991 - 1999	1990 - 1999	1989 - 1999
2000	62	2.818	1999 - 2000	1998 - 2000	1997 - 2000	1996 - 2000	1995 - 2000	1994 - 2000	1993 - 2000	1992 - 2000	1991 - 2000	1990 - 2000

Annual Heat Input

GEORGIA			Percentage Change Annual Heat Input									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	92	1.000										
1961	87	0.946	-5.4%									
1962	83	0.902	-4.6%	-9.8%								
1963	98	1.065	18.1%	12.6%	6.5%							
1964	105	1.141	7.1%	26.5%	20.7%	14.1%						
1965	133	1.446	26.7%	35.7%	60.2%	52.9%	44.6%					
1966	152	1.652	14.3%	44.8%	55.1%	83.1%	74.7%	65.2%				
1967	151	1.641	-0.7%	13.5%	43.8%	54.1%	81.9%	73.6%	64.1%			
1968	195	2.120	29.1%	28.3%	46.6%	85.7%	99.0%	134.9%	124.1%	112.0%		
1969	224	2.435	14.9%	48.3%	47.4%	68.4%	113.3%	128.6%	169.9%	157.5%	143.5%	
1970	248	2.696	10.7%	27.2%	64.2%	63.2%	86.5%	136.2%	153.1%	198.8%	185.1%	169.6%
1971	283	3.076	14.1%	26.3%	45.1%	87.4%	86.2%	112.8%	169.5%	188.8%	241.0%	225.3%
1972	320	3.478	13.1%	29.0%	42.9%	64.1%	111.9%	110.5%	140.6%	204.8%	226.5%	285.5%
1973	335	3.641	4.7%	18.4%	35.1%	49.6%	71.8%	121.9%	120.4%	151.9%	219.0%	241.8%
1974	368	4.000	9.9%	15.0%	30.0%	48.4%	64.3%	88.7%	143.7%	142.1%	176.7%	250.5%
1975	374	4.065	1.6%	11.6%	16.9%	32.2%	50.8%	67.0%	91.8%	147.7%	146.1%	181.2%
1976	394	4.283	5.3%	7.1%	17.6%	23.1%	39.2%	58.9%	75.9%	102.1%	160.9%	159.2%
1977	459	4.989	16.5%	22.7%	24.7%	37.0%	43.4%	62.2%	85.1%	104.9%	135.4%	204.0%
1978	466	5.065	1.5%	18.3%	24.6%	26.6%	39.1%	45.6%	64.7%	87.9%	108.0%	139.0%
1979	475	5.163	1.9%	3.5%	20.6%	27.0%	29.1%	41.8%	48.4%	67.8%	91.5%	112.1%
1980	515	5.598	8.4%	10.5%	12.2%	30.7%	37.7%	39.9%	53.7%	60.9%	82.0%	107.7%
1981	533	5.793	3.5%	12.2%	14.4%	16.1%	35.3%	42.5%	44.8%	59.1%	66.6%	88.3%
1982	513	5.576	-3.8%	-0.4%	8.0%	10.1%	11.8%	30.2%	37.2%	39.4%	53.1%	60.3%
1983	553	6.011	7.8%	3.8%	7.4%	16.4%	18.7%	20.5%	40.4%	47.9%	50.3%	65.1%
1984	644	7.000	16.5%	25.5%	20.8%	25.0%	35.6%	38.2%	40.3%	63.5%	72.2%	75.0%
1985	689	7.489	7.0%	24.6%	34.3%	29.3%	33.8%	45.1%	47.9%	50.1%	74.9%	84.2%
1986	656	7.130	-4.8%	1.9%	18.6%	27.9%	23.1%	27.4%	38.1%	40.8%	42.9%	66.5%
1987	664	7.217	1.2%	-3.6%	3.1%	20.1%	29.4%	24.6%	28.9%	39.8%	42.5%	44.7%
1988	651	7.076	-2.0%	-0.8%	-5.5%	1.1%	17.7%	26.9%	22.1%	26.4%	37.1%	39.7%
1989	628	6.826	-3.5%	-5.4%	-4.3%	-8.9%	-2.5%	13.6%	22.4%	17.8%	21.9%	32.2%
1990	666	7.239	6.1%	2.3%	0.3%	1.5%	-3.3%	3.4%	20.4%	29.8%	25.0%	29.3%
1991	595	6.467	-10.7%	-5.3%	-8.6%	-10.4%	-9.3%	-13.6%	-7.6%	7.6%	16.0%	11.6%
1992	573	6.228	-3.7%	-14.0%	-8.8%	-12.0%	-13.7%	-12.7%	-16.8%	-11.0%	3.6%	11.7%
1993	622	6.761	8.6%	4.5%	-6.6%	-1.0%	-4.5%	-6.3%	-5.2%	-9.7%	-3.4%	12.5%
1994	646	7.022	3.9%	12.7%	8.6%	-3.0%	2.9%	-0.8%	-2.7%	-1.5%	-6.2%	0.3%
1995	689	7.489	6.7%	10.8%	20.2%	15.8%	3.5%	9.7%	5.8%	3.8%	5.0%	0.0%
1996	685	7.446	-0.6%	6.0%	10.1%	19.5%	15.1%	2.9%	9.1%	5.2%	3.2%	4.4%
1997	730	7.935	6.6%	6.0%	13.0%	17.4%	27.4%	22.7%	9.6%	16.2%	12.1%	9.9%
1998	754	8.196	3.3%	10.1%	9.4%	16.7%	21.2%	31.6%	26.7%	13.2%	20.1%	15.8%
1999	799	8.685	6.0%	9.5%	16.6%	16.0%	23.7%	28.5%	39.4%	34.3%	20.0%	27.2%
2000	841	9.141	5.3%	11.5%	15.2%	22.8%	22.1%	30.2%	35.2%	46.8%	41.3%	26.3%
			Max									
			29.1%	48.3%	64.2%	87.4%	113.3%	136.2%	169.9%	204.8%	241.0%	285.5%

Annual Heat Input

GEORGIA			Period of Maximum Decline										
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR	
1960	92	1.000											
1961	87	0.946	0										
1962	83	0.902	0	0									
1963	98	1.065	0	0	0								
1964	105	1.141	0	0	0	0							
1965	133	1.446	0	0	0	0	0						
1966	152	1.652	0	0	0	0	0	0					
1967	151	1.641	0	0	0	0	0	0	0				
1968	195	2.120	0	0	0	0	0	0	0	0			
1969	224	2.435	0	0	0	0	0	0	0	0	0		
1970	248	2.696	0	0	0	0	0	0	0	0	0	0	
1971	283	3.076	0	0	0	0	0	0	0	0	0	0	
1972	320	3.478	0	0	0	0	0	0	0	0	0	0	
1973	335	3.641	0	0	0	0	0	0	0	0	0	0	
1974	368	4.000	0	0	0	0	0	0	0	0	0	0	
1975	374	4.065	0	0	0	0	0	0	0	0	0	0	
1976	394	4.283	0	0	0	0	0	0	0	0	0	0	
1977	459	4.989	0	0	0	0	0	0	0	0	0	0	
1978	466	5.065	0	0	0	0	0	0	0	0	0	0	
1979	475	5.163	0	0	0	0	0	0	0	0	0	0	
1980	515	5.598	0	0	0	0	0	0	0	0	0	0	
1981	533	5.793	0	0	0	0	0	0	0	0	0	0	
1982	513	5.576	0	0	0	0	0	0	0	0	0	0	
1983	553	6.011	0	0	0	0	0	0	0	0	0	0	
1984	644	7.000	0	0	0	0	0	0	0	0	0	0	
1985	689	7.489	0	0	0	0	0	0	0	0	0	0	
1986	656	7.130	0	0	0	0	0	0	0	0	0	0	
1987	664	7.217	0	0	0	0	0	0	0	0	0	0	
1988	651	7.076	0	0	0	0	0	0	0	0	0	0	
1989	628	6.826	0	0	0	0	0	0	0	0	0	0	
1990	666	7.239	0	0	0	0	0	0	0	0	0	0	
1991	595	6.467	1990 - 1991	0	0	0	0	1985 - 1991	0	0	0	0	
1992	573	6.228	0	1990 - 1992	1989 - 1992	1988 - 1992	1987 - 1992	0	1985 - 1992	1984 - 1992	0	0	
1993	622	6.761	0	0	0	0	0	0	0	0	0	0	
1994	646	7.022	0	0	0	0	0	0	0	0	1985 - 1994	0	
1995	689	7.489	0	0	0	0	0	0	0	0	0	1985 - 1995	
1996	685	7.446	0	0	0	0	0	0	0	0	0	0	
1997	730	7.935	0	0	0	0	0	0	0	0	0	0	
1998	754	8.196	0	0	0	0	0	0	0	0	0	0	
1999	799	8.685	0	0	0	0	0	0	0	0	0	0	
2000	841	9.141	0	0	0	0	0	0	0	0	0	0	
			Min	-10.7%	-14.0%	-8.8%	-12.0%	-13.7%	-13.6%	-16.8%	-11.0%	-6.2%	0.0%

Annual Heat Input

GEORGIA			All Periods of Declines									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	92	1.000										
1961	87	0.946	1960 - 1961									
1962	83	0.902	1961 - 1962	1960 - 1962								
1963	98	1.065	0	0	0							
1964	105	1.141	0	0	0	0						
1965	133	1.446	0	0	0	0	0					
1966	152	1.652	0	0	0	0	0	0				
1967	151	1.641	1966 - 1967	0	0	0	0	0	0			
1968	195	2.120	0	0	0	0	0	0	0	0		
1969	224	2.435	0	0	0	0	0	0	0	0	0	
1970	248	2.696	0	0	0	0	0	0	0	0	0	0
1971	283	3.076	0	0	0	0	0	0	0	0	0	0
1972	320	3.478	0	0	0	0	0	0	0	0	0	0
1973	335	3.641	0	0	0	0	0	0	0	0	0	0
1974	368	4.000	0	0	0	0	0	0	0	0	0	0
1975	374	4.065	0	0	0	0	0	0	0	0	0	0
1976	394	4.283	0	0	0	0	0	0	0	0	0	0
1977	459	4.989	0	0	0	0	0	0	0	0	0	0
1978	466	5.065	0	0	0	0	0	0	0	0	0	0
1979	475	5.163	0	0	0	0	0	0	0	0	0	0
1980	515	5.598	0	0	0	0	0	0	0	0	0	0
1981	533	5.793	0	0	0	0	0	0	0	0	0	0
1982	513	5.576	1981 - 1982	1980 - 1982	0	0	0	0	0	0	0	0
1983	553	6.011	0	0	0	0	0	0	0	0	0	0
1984	644	7.000	0	0	0	0	0	0	0	0	0	0
1985	689	7.489	0	0	0	0	0	0	0	0	0	0
1986	656	7.130	1985 - 1986	0	0	0	0	0	0	0	0	0
1987	664	7.217	0	1985 - 1987	0	0	0	0	0	0	0	0
1988	651	7.076	1987 - 1988	1986 - 1988	1985 - 1988	0	0	0	0	0	0	0
1989	628	6.826	1988 - 1989	1987 - 1989	1986 - 1989	1985 - 1989	1984 - 1989	0	0	0	0	0
1990	666	7.239	0	0	0	0	1985 - 1990	0	0	0	0	0
1991	595	6.467	1990 - 1991	1989 - 1991	1988 - 1991	1987 - 1991	1986 - 1991	1985 - 1991	1984 - 1991	0	0	0
1992	573	6.228	1991 - 1992	1990 - 1992	1989 - 1992	1988 - 1992	1987 - 1992	1986 - 1992	1985 - 1992	1984 - 1992	0	0
1993	622	6.761	0	0	1990 - 1993	1989 - 1993	1988 - 1993	1987 - 1993	1986 - 1993	1985 - 1993	1984 - 1993	0
1994	646	7.022	0	0	0	1990 - 1994	0	1988 - 1994	1987 - 1994	1986 - 1994	1985 - 1994	0
1995	689	7.489	0	0	0	0	0	0	0	0	0	1985 - 1995
1996	685	7.446	1995 - 1996	0	0	0	0	0	0	0	0	0
1997	730	7.935	0	0	0	0	0	0	0	0	0	0
1998	754	8.196	0	0	0	0	0	0	0	0	0	0
1999	799	8.685	0	0	0	0	0	0	0	0	0	0
2000	841	9.141	0	0	0	0	0	0	0	0	0	0

Annual Heat Input

ILLINOIS			Percentage Change Annual Heat Input									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	463	1.000										
1961	469	1.013	1.3%									
1962	477	1.030	1.7%	3.0%								
1963	508	1.097	6.5%	8.3%	9.7%							
1964	545	1.177	7.3%	14.3%	16.2%	17.7%						
1965	575	1.242	5.5%	13.2%	20.5%	22.6%	24.2%					
1966	638	1.378	11.0%	17.1%	25.6%	33.8%	36.0%	37.8%				
1967	658	1.421	3.1%	14.4%	20.7%	29.5%	37.9%	40.3%	42.1%			
1968	709	1.531	7.8%	11.1%	23.3%	30.1%	39.6%	48.6%	51.2%	53.1%		
1969	736	1.590	3.8%	11.9%	15.4%	28.0%	35.0%	44.9%	54.3%	56.9%	59.0%	
1970	781	1.687	6.1%	10.2%	18.7%	22.4%	35.8%	43.3%	53.7%	63.7%	66.5%	68.7%
1971	780	1.685	-0.1%	6.0%	10.0%	18.5%	22.3%	35.7%	43.1%	53.5%	63.5%	66.3%
1972	772	1.667	-1.0%	-1.2%	4.9%	8.9%	17.3%	21.0%	34.3%	41.7%	52.0%	61.8%
1973	790	1.706	2.3%	1.3%	1.2%	7.3%	11.4%	20.1%	23.8%	37.4%	45.0%	55.5%
1974	783	1.691	-0.9%	1.4%	0.4%	0.3%	6.4%	10.4%	19.0%	22.7%	36.2%	43.7%
1975	758	1.637	-3.2%	-4.1%	-1.8%	-2.8%	-2.9%	3.0%	6.9%	15.2%	18.8%	31.8%
1976	784	1.693	3.4%	0.1%	-0.8%	1.6%	0.5%	0.4%	6.5%	10.6%	19.1%	22.9%
1977	798	1.724	1.8%	5.3%	1.9%	1.0%	3.4%	2.3%	2.2%	8.4%	12.6%	21.3%
1978	818	1.767	2.5%	4.3%	7.9%	4.5%	3.5%	6.0%	4.9%	4.7%	11.1%	15.4%
1979	840	1.814	2.7%	5.3%	7.1%	10.8%	7.3%	6.3%	8.8%	7.7%	7.6%	14.1%
1980	818	1.767	-2.6%	0.0%	2.5%	4.3%	7.9%	4.5%	3.5%	6.0%	4.9%	4.7%
1981	753	1.626	-7.9%	-10.4%	-7.9%	-5.6%	-4.0%	-0.7%	-3.8%	-4.7%	-2.5%	-3.5%
1982	717	1.549	-4.8%	-12.3%	-14.6%	-12.3%	-10.2%	-8.5%	-5.4%	-8.4%	-9.2%	-7.1%
1983	765	1.652	6.7%	1.6%	-6.5%	-8.9%	-6.5%	-4.1%	-2.4%	0.9%	-2.3%	-3.2%
1984	716	1.546	-6.4%	-0.1%	-4.9%	-12.5%	-14.8%	-12.5%	-10.3%	-8.7%	-5.5%	-8.6%
1985	688	1.486	-3.9%	-10.1%	-4.0%	-8.6%	-15.9%	-18.1%	-15.9%	-13.8%	-12.2%	-9.2%
1986	685	1.479	-0.4%	-4.3%	-10.5%	-4.5%	-9.0%	-16.3%	-18.5%	-16.3%	-14.2%	-12.6%
1987	644	1.391	-6.0%	-6.4%	-10.1%	-15.8%	-10.2%	-14.5%	-21.3%	-23.3%	-21.3%	-19.3%
1988	590	1.274	-8.4%	-13.9%	-14.2%	-17.6%	-22.9%	-17.7%	-21.6%	-27.9%	-29.8%	-27.9%
1989	571	1.233	-3.2%	-11.3%	-16.6%	-17.0%	-20.3%	-25.4%	-20.4%	-24.2%	-30.2%	-32.0%
1990	613	1.324	7.4%	3.9%	-4.8%	-10.5%	-10.9%	-14.4%	-19.9%	-14.5%	-18.6%	-25.1%
1991	627	1.354	2.3%	9.8%	6.3%	-2.6%	-8.5%	-8.9%	-12.4%	-18.0%	-12.6%	-16.7%
1992	562	1.214	-10.4%	-8.3%	-1.6%	-4.7%	-12.7%	-18.0%	-18.3%	-21.5%	-26.5%	-21.6%
1993	687	1.484	22.2%	9.6%	12.1%	20.3%	16.4%	6.7%	0.3%	-0.1%	-4.1%	-10.2%
1994	715	1.544	4.1%	27.2%	14.0%	16.6%	25.2%	21.2%	11.0%	4.4%	3.9%	-0.1%
1995	719	1.553	0.6%	4.7%	27.9%	14.7%	17.3%	25.9%	21.9%	11.6%	5.0%	4.5%
1996	791	1.708	10.0%	10.6%	15.1%	40.7%	26.2%	29.0%	38.5%	34.1%	22.8%	15.5%
1997	854	1.844	8.0%	18.8%	19.4%	24.3%	52.0%	36.2%	39.3%	49.6%	44.7%	32.6%
1998	860	1.857	0.7%	8.7%	19.6%	20.3%	25.2%	53.0%	37.2%	40.3%	50.6%	45.8%
1999	842	1.819	-2.1%	-1.4%	6.4%	17.1%	17.8%	22.6%	49.8%	34.3%	37.4%	47.5%
2000	910	1.965	8.1%	5.8%	6.6%	15.0%	26.6%	27.3%	32.5%	61.9%	45.1%	48.5%
			Max									
			22.2%	27.2%	27.9%	40.7%	52.0%	53.0%	54.3%	63.7%	66.5%	68.7%

Annual Heat Input

ILLINOIS			Period of Maximum Decline										
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR	
1960	463	1.000											
1961	469	1.013	0										
1962	477	1.030	0	0									
1963	508	1.097	0	0	0								
1964	545	1.177	0	0	0	0							
1965	575	1.242	0	0	0	0	0						
1966	638	1.378	0	0	0	0	0	0					
1967	658	1.421	0	0	0	0	0	0	0				
1968	709	1.531	0	0	0	0	0	0	0	0			
1969	736	1.590	0	0	0	0	0	0	0	0	0		
1970	781	1.687	0	0	0	0	0	0	0	0	0	0	
1971	780	1.685	0	0	0	0	0	0	0	0	0	0	
1972	772	1.667	0	0	0	0	0	0	0	0	0	0	
1973	790	1.706	0	0	0	0	0	0	0	0	0	0	
1974	783	1.691	0	0	0	0	0	0	0	0	0	0	
1975	758	1.637	0	0	0	0	0	0	0	0	0	0	
1976	784	1.693	0	0	0	0	0	0	0	0	0	0	
1977	798	1.724	0	0	0	0	0	0	0	0	0	0	
1978	818	1.767	0	0	0	0	0	0	0	0	0	0	
1979	840	1.814	0	0	0	0	0	0	0	0	0	0	
1980	818	1.767	0	0	0	0	0	0	0	0	0	0	
1981	753	1.626	0	0	0	0	0	0	0	0	0	0	
1982	717	1.549	0	0	0	0	0	0	0	0	0	0	
1983	765	1.652	0	0	0	0	0	0	0	0	0	0	
1984	716	1.546	0	0	0	0	0	0	0	0	0	0	
1985	688	1.486	0	0	0	0	0	0	0	0	0	0	
1986	685	1.479	0	0	0	0	0	0	0	0	0	0	
1987	644	1.391	0	0	0	0	0	0	0	0	0	0	
1988	590	1.274	0	1986 - 1988	0	1984 - 1988	1983 - 1988	0	1981 - 1988	1980 - 1988	0	0	
1989	571	1.233	0	0	1986 - 1989	0	0	1983 - 1989	0	0	1980 - 1989	1979 - 1989	
1990	613	1.324	0	0	0	0	0	0	0	0	0	0	
1991	627	1.354	0	0	0	0	0	0	0	0	0	0	
1992	562	1.214	1991 - 1992	0	0	0	0	0	0	0	0	0	
1993	687	1.484	0	0	0	0	0	0	0	0	0	0	
1994	715	1.544	0	0	0	0	0	0	0	0	0	0	
1995	719	1.553	0	0	0	0	0	0	0	0	0	0	
1996	791	1.708	0	0	0	0	0	0	0	0	0	0	
1997	854	1.844	0	0	0	0	0	0	0	0	0	0	
1998	860	1.857	0	0	0	0	0	0	0	0	0	0	
1999	842	1.819	0	0	0	0	0	0	0	0	0	0	
2000	910	1.965	0	0	0	0	0	0	0	0	0	0	
			Min	-10.4%	-13.9%	-16.6%	-17.6%	-22.9%	-25.4%	-21.6%	-27.9%	-30.2%	-32.0%

Annual Heat Input

ILLINOIS			All Periods of Declines									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	463	1.000										
1961	469	1.013	0									
1962	477	1.030	0	0								
1963	508	1.097	0	0	0							
1964	545	1.177	0	0	0	0						
1965	575	1.242	0	0	0	0	0					
1966	638	1.378	0	0	0	0	0	0				
1967	658	1.421	0	0	0	0	0	0	0			
1968	709	1.531	0	0	0	0	0	0	0	0		
1969	736	1.590	0	0	0	0	0	0	0	0	0	
1970	781	1.687	0	0	0	0	0	0	0	0	0	0
1971	780	1.685	1970 - 1971	0	0	0	0	0	0	0	0	0
1972	772	1.667	1971 - 1972	1970 - 1972	0	0	0	0	0	0	0	0
1973	790	1.706	0	0	0	0	0	0	0	0	0	0
1974	783	1.691	1973 - 1974	0	0	0	0	0	0	0	0	0
1975	758	1.637	1974 - 1975	1973 - 1975	1972 - 1975	1971 - 1975	1970 - 1975	0	0	0	0	0
1976	784	1.693	0	0	1973 - 1976	0	0	0	0	0	0	0
1977	798	1.724	0	0	0	0	0	0	0	0	0	0
1978	818	1.767	0	0	0	0	0	0	0	0	0	0
1979	840	1.814	0	0	0	0	0	0	0	0	0	0
1980	818	1.767	1979 - 1980	1978 - 1980	0	0	0	0	0	0	0	0
1981	753	1.626	1980 - 1981	1979 - 1981	1978 - 1981	1977 - 1981	1976 - 1981	1975 - 1981	1974 - 1981	1973 - 1981	1972 - 1981	1971 - 1981
1982	717	1.549	1981 - 1982	1980 - 1982	1979 - 1982	1978 - 1982	1977 - 1982	1976 - 1982	1975 - 1982	1974 - 1982	1973 - 1982	1972 - 1982
1983	765	1.652	0	0	1980 - 1983	1979 - 1983	1978 - 1983	1977 - 1983	1976 - 1983	0	1974 - 1983	1973 - 1983
1984	716	1.546	1983 - 1984	1982 - 1984	1981 - 1984	1980 - 1984	1979 - 1984	1978 - 1984	1977 - 1984	1976 - 1984	1975 - 1984	1974 - 1984
1985	688	1.486	1984 - 1985	1983 - 1985	1982 - 1985	1981 - 1985	1980 - 1985	1979 - 1985	1978 - 1985	1977 - 1985	1976 - 1985	1975 - 1985
1986	685	1.479	1985 - 1986	1984 - 1986	1983 - 1986	1982 - 1986	1981 - 1986	1980 - 1986	1979 - 1986	1978 - 1986	1977 - 1986	1976 - 1986
1987	644	1.391	1986 - 1987	1985 - 1987	1984 - 1987	1983 - 1987	1982 - 1987	1981 - 1987	1980 - 1987	1979 - 1987	1978 - 1987	1977 - 1987
1988	590	1.274	1987 - 1988	1986 - 1988	1985 - 1988	1984 - 1988	1983 - 1988	1982 - 1988	1981 - 1988	1980 - 1988	1979 - 1988	1978 - 1988
1989	571	1.233	1988 - 1989	1987 - 1989	1986 - 1989	1985 - 1989	1984 - 1989	1983 - 1989	1982 - 1989	1981 - 1989	1980 - 1989	1979 - 1989
1990	613	1.324	0	0	1987 - 1990	1986 - 1990	1985 - 1990	1984 - 1990	1983 - 1990	1982 - 1990	1981 - 1990	1980 - 1990
1991	627	1.354	0	0	0	1987 - 1991	1986 - 1991	1985 - 1991	1984 - 1991	1983 - 1991	1982 - 1991	1981 - 1991
1992	562	1.214	1991 - 1992	1990 - 1992	1989 - 1992	1988 - 1992	1987 - 1992	1986 - 1992	1985 - 1992	1984 - 1992	1983 - 1992	1982 - 1992
1993	687	1.484	0	0	0	0	0	0	0	1985 - 1993	1984 - 1993	1983 - 1993
1994	715	1.544	0	0	0	0	0	0	0	0	0	1984 - 1994
1995	719	1.553	0	0	0	0	0	0	0	0	0	0
1996	791	1.708	0	0	0	0	0	0	0	0	0	0
1997	854	1.844	0	0	0	0	0	0	0	0	0	0
1998	860	1.857	0	0	0	0	0	0	0	0	0	0
1999	842	1.819	1998 - 1999	1997 - 1999	0	0	0	0	0	0	0	0
2000	910	1.965	0	0	0	0	0	0	0	0	0	0

Annual Heat Input

INDIANA			Percentage Change Annual Heat Input										
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR	
1960	315	1.000											
1961	329	1.044	4.4%										
1962	348	1.105	5.8%	10.5%									
1963	367	1.165	5.5%	11.6%	16.5%								
1964	389	1.235	6.0%	11.8%	18.2%	23.5%							
1965	421	1.337	8.2%	14.7%	21.0%	28.0%	33.7%						
1966	455	1.444	8.1%	17.0%	24.0%	30.7%	38.3%	44.4%					
1967	441	1.400	-3.1%	4.8%	13.4%	20.2%	26.7%	34.0%	40.0%				
1968	480	1.524	8.8%	5.5%	14.0%	23.4%	30.8%	37.9%	45.9%	52.4%			
1969	528	1.676	10.0%	19.7%	16.0%	25.4%	35.7%	43.9%	51.7%	60.5%	67.6%		
1970	533	1.692	0.9%	11.0%	20.9%	17.1%	26.6%	37.0%	45.2%	53.2%	62.0%	69.2%	
1971	536	1.702	0.6%	1.5%	11.7%	21.5%	17.8%	27.3%	37.8%	46.0%	54.0%	62.9%	
1972	550	1.746	2.6%	3.2%	4.2%	14.6%	24.7%	20.9%	30.6%	41.4%	49.9%	58.0%	
1973	602	1.911	9.5%	12.3%	12.9%	14.0%	25.4%	36.5%	32.3%	43.0%	54.8%	64.0%	
1974	579	1.838	-3.8%	5.3%	8.0%	8.6%	9.7%	20.6%	31.3%	27.3%	37.5%	48.8%	
1975	602	1.911	4.0%	0.0%	9.5%	12.3%	12.9%	14.0%	25.4%	36.5%	32.3%	43.0%	
1976	634	2.013	5.3%	9.5%	5.3%	15.3%	18.3%	18.9%	20.1%	32.1%	43.8%	39.3%	
1977	656	2.083	3.5%	9.0%	13.3%	9.0%	19.3%	22.4%	23.1%	24.2%	36.7%	48.8%	
1978	645	2.048	-1.7%	1.7%	7.1%	11.4%	7.1%	17.3%	20.3%	21.0%	22.2%	34.4%	
1979	696	2.210	7.9%	6.1%	9.8%	15.6%	20.2%	15.6%	26.5%	29.9%	30.6%	31.8%	
1980	734	2.330	5.5%	13.8%	11.9%	15.8%	21.9%	26.8%	21.9%	33.5%	36.9%	37.7%	
1981	706	2.241	-3.8%	1.4%	9.5%	7.6%	11.4%	17.3%	21.9%	17.3%	28.4%	31.7%	
1982	672	2.133	-4.8%	-8.4%	-3.4%	4.2%	2.4%	6.0%	11.6%	16.1%	11.6%	22.2%	
1983	739	2.346	10.0%	4.7%	0.7%	6.2%	14.6%	12.7%	16.6%	22.8%	27.6%	22.8%	
1984	832	2.641	12.6%	23.8%	17.8%	13.4%	19.5%	29.0%	26.8%	31.2%	38.2%	43.7%	
1985	820	2.603	-1.4%	11.0%	22.0%	16.1%	11.7%	17.8%	27.1%	25.0%	29.3%	36.2%	
1986	801	2.543	-2.3%	-3.7%	8.4%	19.2%	13.5%	9.1%	15.1%	24.2%	22.1%	26.3%	
1987	810	2.571	1.1%	-1.2%	-2.6%	9.6%	20.5%	14.7%	10.4%	16.4%	25.6%	23.5%	
1988	876	2.781	8.1%	9.4%	6.8%	5.3%	18.5%	30.4%	24.1%	19.3%	25.9%	35.8%	
1989	916	2.908	4.6%	13.1%	14.4%	11.7%	10.1%	24.0%	36.3%	29.7%	24.8%	31.6%	
1990	1022	3.244	11.6%	16.7%	26.2%	27.6%	24.6%	22.8%	38.3%	52.1%	44.8%	39.2%	
1991	1023	3.248	0.1%	11.7%	16.8%	26.3%	27.7%	24.8%	23.0%	38.4%	52.2%	44.9%	
1992	1009	3.203	-1.4%	-1.3%	10.2%	15.2%	24.6%	26.0%	23.0%	21.3%	36.5%	50.1%	
1993	1037	3.292	2.8%	1.4%	1.5%	13.2%	18.4%	28.0%	29.5%	26.5%	24.6%	40.3%	
1994	1076	3.416	3.8%	6.6%	5.2%	5.3%	17.5%	22.8%	32.8%	34.3%	31.2%	29.3%	
1995	1088	3.454	1.1%	4.9%	7.8%	6.4%	6.5%	18.8%	24.2%	34.3%	35.8%	32.7%	
1996	1103	3.502	1.4%	2.5%	6.4%	9.3%	7.8%	7.9%	20.4%	25.9%	36.2%	37.7%	
1997	1160	3.683	5.2%	6.6%	7.8%	11.9%	15.0%	13.4%	13.5%	26.6%	32.4%	43.2%	
1998	1178	3.740	1.6%	6.8%	8.3%	9.5%	13.6%	16.7%	15.2%	15.3%	28.6%	34.5%	
1999	1188	3.771	0.8%	2.4%	7.7%	9.2%	10.4%	14.6%	17.7%	16.1%	16.2%	29.7%	
2000	1248	3.962	5.1%	5.9%	7.6%	13.1%	14.7%	16.0%	20.3%	23.7%	22.0%	22.1%	
			Max	12.6%	23.8%	26.2%	30.7%	38.3%	44.4%	51.7%	60.5%	67.6%	69.2%

Annual Heat Input

INDIANA			Period of Maximum Decline										
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR	
1960	315	1.000											
1961	329	1.044	0										
1962	348	1.105	0	0									
1963	367	1.165	0	0	0								
1964	389	1.235	0	0	0	0							
1965	421	1.337	0	0	0	0	0						
1966	455	1.444	0	0	0	0	0	0					
1967	441	1.400	0	0	0	0	0	0	0				
1968	480	1.524	0	0	0	0	0	0	0	0			
1969	528	1.676	0	0	0	0	0	0	0	0	0		
1970	533	1.692	0	0	0	0	0	0	0	0	0	0	
1971	536	1.702	0	0	0	0	0	0	0	0	0	0	
1972	550	1.746	0	0	0	0	0	0	0	0	0	0	
1973	602	1.911	0	0	0	0	0	0	0	0	0	0	
1974	579	1.838	0	0	0	0	0	0	0	0	0	0	
1975	602	1.911	0	0	0	0	0	0	0	0	0	0	
1976	634	2.013	0	0	0	0	0	0	0	0	0	0	
1977	656	2.083	0	0	0	0	0	0	0	0	0	0	
1978	645	2.048	0	0	0	0	0	0	0	0	0	0	
1979	696	2.210	0	0	0	0	0	0	0	0	0	0	
1980	734	2.330	0	0	0	0	0	0	0	0	0	0	
1981	706	2.241	0	0	0	0	0	0	0	0	0	0	
1982	672	2.133	1981 - 1982	1980 - 1982	1979 - 1982	1978 - 1982	1977 - 1982	1976 - 1982	0	0	1973 - 1982	0	
1983	739	2.346	0	0	0	0	0	0	0	0	0	0	
1984	832	2.641	0	0	0	0	0	0	0	0	0	0	
1985	820	2.603	0	0	0	0	0	0	0	0	0	0	
1986	801	2.543	0	0	0	0	0	0	0	0	0	0	
1987	810	2.571	0	0	0	0	0	0	1980 - 1987	0	0	0	
1988	876	2.781	0	0	0	0	0	0	0	0	0	0	
1989	916	2.908	0	0	0	0	0	0	0	0	0	0	
1990	1022	3.244	0	0	0	0	0	0	0	0	0	0	
1991	1023	3.248	0	0	0	0	0	0	0	0	0	0	
1992	1009	3.203	0	0	0	0	0	0	0	0	0	0	
1993	1037	3.292	0	0	0	0	0	0	0	0	0	0	
1994	1076	3.416	0	0	0	0	0	0	0	0	0	0	
1995	1088	3.454	0	0	0	0	0	0	0	0	0	0	
1996	1103	3.502	0	0	0	0	0	0	0	0	0	0	
1997	1160	3.683	0	0	0	0	0	0	0	0	0	0	
1998	1178	3.740	0	0	0	0	0	0	0	1990 - 1998	0	0	
1999	1188	3.771	0	0	0	0	0	0	0	0	0	0	
2000	1248	3.962	0	0	0	0	0	0	0	0	0	1990 - 2000	
			Min	-4.8%	-8.4%	-3.4%	4.2%	2.4%	6.0%	10.4%	15.3%	11.6%	22.1%

Annual Heat Input

INDIANA			All Periods of Declines									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	315	1.000										
1961	329	1.044	0									
1962	348	1.105	0	0								
1963	367	1.165	0	0	0							
1964	389	1.235	0	0	0	0						
1965	421	1.337	0	0	0	0	0					
1966	455	1.444	0	0	0	0	0	0				
1967	441	1.400	1966 - 1967	0	0	0	0	0	0			
1968	480	1.524	0	0	0	0	0	0	0	0		
1969	528	1.676	0	0	0	0	0	0	0	0	0	
1970	533	1.692	0	0	0	0	0	0	0	0	0	0
1971	536	1.702	0	0	0	0	0	0	0	0	0	0
1972	550	1.746	0	0	0	0	0	0	0	0	0	0
1973	602	1.911	0	0	0	0	0	0	0	0	0	0
1974	579	1.838	1973 - 1974	0	0	0	0	0	0	0	0	0
1975	602	1.911	0	1973 - 1975	0	0	0	0	0	0	0	0
1976	634	2.013	0	0	0	0	0	0	0	0	0	0
1977	656	2.083	0	0	0	0	0	0	0	0	0	0
1978	645	2.048	1977 - 1978	0	0	0	0	0	0	0	0	0
1979	696	2.210	0	0	0	0	0	0	0	0	0	0
1980	734	2.330	0	0	0	0	0	0	0	0	0	0
1981	706	2.241	1980 - 1981	0	0	0	0	0	0	0	0	0
1982	672	2.133	1981 - 1982	1980 - 1982	1979 - 1982	0	0	0	0	0	0	0
1983	739	2.346	0	0	0	0	0	0	0	0	0	0
1984	832	2.641	0	0	0	0	0	0	0	0	0	0
1985	820	2.603	1984 - 1985	0	0	0	0	0	0	0	0	0
1986	801	2.543	1985 - 1986	1984 - 1986	0	0	0	0	0	0	0	0
1987	810	2.571	0	1985 - 1987	1984 - 1987	0	0	0	0	0	0	0
1988	876	2.781	0	0	0	0	0	0	0	0	0	0
1989	916	2.908	0	0	0	0	0	0	0	0	0	0
1990	1022	3.244	0	0	0	0	0	0	0	0	0	0
1991	1023	3.248	0	0	0	0	0	0	0	0	0	0
1992	1009	3.203	1991 - 1992	1990 - 1992	0	0	0	0	0	0	0	0
1993	1037	3.292	0	0	0	0	0	0	0	0	0	0
1994	1076	3.416	0	0	0	0	0	0	0	0	0	0
1995	1088	3.454	0	0	0	0	0	0	0	0	0	0
1996	1103	3.502	0	0	0	0	0	0	0	0	0	0
1997	1160	3.683	0	0	0	0	0	0	0	0	0	0
1998	1178	3.740	0	0	0	0	0	0	0	0	0	0
1999	1188	3.771	0	0	0	0	0	0	0	0	0	0
2000	1248	3.962	0	0	0	0	0	0	0	0	0	0

Annual Heat Input

KENTUCKY			Percentage Change Annual Heat Input									
YEAR	HI TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	174	1.000										
1961	175	1.006	0.6%									
1962	178	1.023	1.7%	2.3%								
1963	230	1.322	29.2%	31.4%	32.2%							
1964	266	1.529	15.7%	49.4%	52.0%	52.9%						
1965	280	1.609	5.3%	21.7%	57.3%	60.0%	60.9%					
1966	288	1.655	2.9%	8.3%	25.2%	61.8%	64.6%	65.5%				
1967	301	1.730	4.5%	7.5%	13.2%	30.9%	69.1%	72.0%	73.0%			
1968	317	1.822	5.3%	10.1%	13.2%	19.2%	37.8%	78.1%	81.1%	82.2%		
1969	353	2.029	11.4%	17.3%	22.6%	26.1%	32.7%	53.5%	98.3%	101.7%	102.9%	
1970	419	2.408	18.7%	32.2%	39.2%	45.5%	49.6%	57.5%	82.2%	135.4%	139.4%	140.8%
1971	455	2.615	8.6%	28.9%	43.5%	51.2%	58.0%	62.5%	71.1%	97.8%	155.6%	160.0%
1972	496	2.851	9.0%	18.4%	40.5%	56.5%	64.8%	72.2%	77.1%	86.5%	115.7%	178.7%
1973	495	2.845	-0.2%	8.8%	18.1%	40.2%	56.2%	64.5%	71.9%	76.8%	86.1%	115.2%
1974	504	2.897	1.8%	1.6%	10.8%	20.3%	42.8%	59.0%	67.4%	75.0%	80.0%	89.5%
1975	481	2.764	-4.6%	-2.8%	-3.0%	5.7%	14.8%	36.3%	51.7%	59.8%	67.0%	71.8%
1976	551	3.167	14.6%	9.3%	11.3%	11.1%	21.1%	31.5%	56.1%	73.8%	83.1%	91.3%
1977	546	3.138	-0.9%	13.5%	8.3%	10.3%	10.1%	20.0%	30.3%	54.7%	72.2%	81.4%
1978	543	3.121	-0.5%	-1.5%	12.9%	7.7%	9.7%	9.5%	19.3%	29.6%	53.8%	71.3%
1979	524	3.011	-3.5%	-4.0%	-4.9%	8.9%	4.0%	5.9%	5.6%	15.2%	25.1%	48.4%
1980	562	3.230	7.3%	3.5%	2.9%	2.0%	16.8%	11.5%	13.5%	13.3%	23.5%	34.1%
1981	598	3.437	6.4%	14.1%	10.1%	9.5%	8.5%	24.3%	18.7%	20.8%	20.6%	31.4%
1982	561	3.224	-6.2%	-0.2%	7.1%	3.3%	2.7%	1.8%	16.6%	11.3%	13.3%	13.1%
1983	559	3.213	-0.4%	-6.5%	-0.5%	6.7%	2.9%	2.4%	1.5%	16.2%	10.9%	12.9%
1984	576	3.310	3.0%	2.7%	-3.7%	2.5%	9.9%	6.1%	5.5%	4.5%	19.8%	14.3%
1985	620	3.563	7.6%	10.9%	10.5%	3.7%	10.3%	18.3%	14.2%	13.6%	12.5%	28.9%
1986	660	3.793	6.5%	14.6%	18.1%	17.6%	10.4%	17.4%	26.0%	21.5%	20.9%	19.8%
1987	659	3.787	-0.2%	6.3%	14.4%	17.9%	17.5%	10.2%	17.3%	25.8%	21.4%	20.7%
1988	736	4.230	11.7%	11.5%	18.7%	27.8%	31.7%	31.2%	23.1%	31.0%	40.5%	35.5%
1989	671	3.856	-8.8%	1.8%	1.7%	8.2%	16.5%	20.0%	19.6%	12.2%	19.4%	28.1%
1990	716	4.115	6.7%	-2.7%	8.6%	8.5%	15.5%	24.3%	28.1%	27.6%	19.7%	27.4%
1991	728	4.184	1.7%	8.5%	-1.1%	10.5%	10.3%	17.4%	26.4%	30.2%	29.8%	21.7%
1992	738	4.241	1.4%	3.1%	10.0%	0.3%	12.0%	11.8%	19.0%	28.1%	32.0%	31.6%
1993	826	4.747	11.9%	13.5%	15.4%	23.1%	12.2%	25.3%	25.2%	33.2%	43.4%	47.8%
1994	810	4.655	-1.9%	9.8%	11.3%	13.1%	20.7%	10.1%	22.9%	22.7%	30.6%	40.6%
1995	833	4.787	2.8%	0.8%	12.9%	14.4%	16.3%	24.1%	13.2%	26.4%	26.2%	34.4%
1996	859	4.937	3.1%	6.0%	4.0%	16.4%	18.0%	20.0%	28.0%	16.7%	30.3%	30.2%
1997	890	5.115	3.6%	6.8%	9.9%	7.7%	20.6%	22.3%	24.3%	32.6%	20.9%	35.1%
1998	838	4.816	-5.8%	-2.4%	0.6%	3.5%	1.5%	13.6%	15.1%	17.0%	24.9%	13.9%
1999	811	4.661	-3.2%	-8.9%	-5.6%	-2.6%	0.1%	-1.8%	9.9%	11.4%	13.3%	20.9%
2000	817	4.695	0.7%	-2.5%	-8.2%	-4.9%	-1.9%	0.9%	-1.1%	10.7%	12.2%	14.1%
			Max									
			29.2%	49.4%	57.3%	61.8%	69.1%	78.1%	98.3%	135.4%	155.6%	178.7%

Annual Heat Input

KENTUCKY			Period of Maximum Decline										
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR	
1960	174	1.000											
1961	175	1.006	0										
1962	178	1.023	0	0									
1963	230	1.322	0	0	0								
1964	266	1.529	0	0	0	0							
1965	280	1.609	0	0	0	0	0						
1966	288	1.655	0	0	0	0	0	0					
1967	301	1.730	0	0	0	0	0	0	0				
1968	317	1.822	0	0	0	0	0	0	0	0			
1969	353	2.029	0	0	0	0	0	0	0	0	0		
1970	419	2.408	0	0	0	0	0	0	0	0	0	0	
1971	455	2.615	0	0	0	0	0	0	0	0	0	0	
1972	496	2.851	0	0	0	0	0	0	0	0	0	0	
1973	495	2.845	0	0	0	0	0	0	0	0	0	0	
1974	504	2.897	0	0	0	0	0	0	0	0	0	0	
1975	481	2.764	0	0	0	0	0	0	0	0	0	0	
1976	551	3.167	0	0	0	0	0	0	0	0	0	0	
1977	546	3.138	0	0	0	0	0	0	0	0	0	0	
1978	543	3.121	0	0	0	0	0	0	0	0	0	0	
1979	524	3.011	0	0	0	0	0	0	0	0	0	0	
1980	562	3.230	0	0	0	0	0	0	0	0	0	0	
1981	598	3.437	0	0	0	0	0	0	0	0	0	0	
1982	561	3.224	0	0	0	0	0	0	0	0	0	0	
1983	559	3.213	0	0	0	0	0	0	0	0	1974 - 1983	1973 - 1983	
1984	576	3.310	0	0	0	0	0	0	0	1976 - 1984	0	0	
1985	620	3.563	0	0	0	0	0	0	0	0	0	0	
1986	660	3.793	0	0	0	0	0	0	0	0	0	0	
1987	659	3.787	0	0	0	0	0	0	0	0	0	0	
1988	736	4.230	0	0	0	0	0	0	0	0	0	0	
1989	671	3.856	1988 - 1989	0	0	0	0	0	0	0	0	0	
1990	716	4.115	0	0	0	0	0	0	0	0	0	0	
1991	728	4.184	0	0	0	0	0	0	0	0	0	0	
1992	738	4.241	0	0	0	0	0	0	0	0	0	0	
1993	826	4.747	0	0	0	0	0	0	0	0	0	0	
1994	810	4.655	0	0	0	0	0	0	0	0	0	0	
1995	833	4.787	0	0	0	0	0	0	0	0	0	0	
1996	859	4.937	0	0	0	0	0	0	0	0	0	0	
1997	890	5.115	0	0	0	0	0	0	0	0	0	0	
1998	838	4.816	0	0	0	0	0	0	0	0	0	0	
1999	811	4.661	0	1997 - 1999	0	0	0	1993 - 1999	0	0	0	0	
2000	817	4.695	0	0	1997 - 2000	1996 - 2000	1995 - 2000	0	1993 - 2000	0	0	0	
			Min	-8.8%	-8.9%	-8.2%	-4.9%	-1.9%	-1.8%	-1.1%	4.5%	10.9%	12.9%

Annual Heat Input

KENTUCKY			All Periods of Declines									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	174	1.000										
1961	175	1.006	0									
1962	178	1.023	0	0								
1963	230	1.322	0	0	0							
1964	266	1.529	0	0	0	0						
1965	280	1.609	0	0	0	0	0					
1966	288	1.655	0	0	0	0	0	0				
1967	301	1.730	0	0	0	0	0	0	0			
1968	317	1.822	0	0	0	0	0	0	0	0		
1969	353	2.029	0	0	0	0	0	0	0	0	0	
1970	419	2.408	0	0	0	0	0	0	0	0	0	0
1971	455	2.615	0	0	0	0	0	0	0	0	0	0
1972	496	2.851	0	0	0	0	0	0	0	0	0	0
1973	495	2.845	1972 - 1973	0	0	0	0	0	0	0	0	0
1974	504	2.897	0	0	0	0	0	0	0	0	0	0
1975	481	2.764	1974 - 1975	1973 - 1975	1972 - 1975	0	0	0	0	0	0	0
1976	551	3.167	0	0	0	0	0	0	0	0	0	0
1977	546	3.138	1976 - 1977	0	0	0	0	0	0	0	0	0
1978	543	3.121	1977 - 1978	1976 - 1978	0	0	0	0	0	0	0	0
1979	524	3.011	1978 - 1979	1977 - 1979	1976 - 1979	0	0	0	0	0	0	0
1980	562	3.230	0	0	0	0	0	0	0	0	0	0
1981	598	3.437	0	0	0	0	0	0	0	0	0	0
1982	561	3.224	1981 - 1982	1980 - 1982	0	0	0	0	0	0	0	0
1983	559	3.213	1982 - 1983	1981 - 1983	1980 - 1983	0	0	0	0	0	0	0
1984	576	3.310	0	0	1981 - 1984	0	0	0	0	0	0	0
1985	620	3.563	0	0	0	0	0	0	0	0	0	0
1986	660	3.793	0	0	0	0	0	0	0	0	0	0
1987	659	3.787	1986 - 1987	0	0	0	0	0	0	0	0	0
1988	736	4.230	0	0	0	0	0	0	0	0	0	0
1989	671	3.856	1988 - 1989	0	0	0	0	0	0	0	0	0
1990	716	4.115	0	1988 - 1990	0	0	0	0	0	0	0	0
1991	728	4.184	0	0	1988 - 1991	0	0	0	0	0	0	0
1992	738	4.241	0	0	0	0	0	0	0	0	0	0
1993	826	4.747	0	0	0	0	0	0	0	0	0	0
1994	810	4.655	1993 - 1994	0	0	0	0	0	0	0	0	0
1995	833	4.787	0	0	0	0	0	0	0	0	0	0
1996	859	4.937	0	0	0	0	0	0	0	0	0	0
1997	890	5.115	0	0	0	0	0	0	0	0	0	0
1998	838	4.816	1997 - 1998	1996 - 1998	0	0	0	0	0	0	0	0
1999	811	4.661	1998 - 1999	1997 - 1999	1996 - 1999	1995 - 1999	0	1993 - 1999	0	0	0	0
2000	817	4.695	0	1998 - 2000	1997 - 2000	1996 - 2000	1995 - 2000	0	1993 - 2000	0	0	0

Annual Heat Input

MARYLAND			Percentage Change Annual Heat Input									
YEAR	HI TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	83	1.000										
1961	88	1.060	6.0%									
1962	99	1.193	12.5%	19.3%								
1963	116	1.398	17.2%	31.8%	39.8%							
1964	129	1.554	11.2%	30.3%	46.6%	55.4%						
1965	161	1.940	24.8%	38.8%	62.6%	83.0%	94.0%					
1966	177	2.133	9.9%	37.2%	52.6%	78.8%	101.1%	113.3%				
1967	189	2.277	6.8%	17.4%	46.5%	62.9%	90.9%	114.8%	127.7%			
1968	204	2.458	7.9%	15.3%	26.7%	58.1%	75.9%	106.1%	131.8%	145.8%		
1969	209	2.518	2.5%	10.6%	18.1%	29.8%	62.0%	80.2%	111.1%	137.5%	151.8%	
1970	226	2.723	8.1%	10.8%	19.6%	27.7%	40.4%	75.2%	94.8%	128.3%	156.8%	172.3%
1971	234	2.819	3.5%	12.0%	14.7%	23.8%	32.2%	45.3%	81.4%	101.7%	136.4%	165.9%
1972	260	3.133	11.1%	15.0%	24.4%	27.5%	37.6%	46.9%	61.5%	101.6%	124.1%	162.6%
1973	267	3.217	2.7%	14.1%	18.1%	27.8%	30.9%	41.3%	50.8%	65.8%	107.0%	130.2%
1974	286	3.446	7.1%	10.0%	22.2%	26.5%	36.8%	40.2%	51.3%	61.6%	77.6%	121.7%
1975	211	2.542	-26.2%	-21.0%	-18.8%	-9.8%	-6.6%	1.0%	3.4%	11.6%	19.2%	31.1%
1976	235	2.831	11.4%	-17.8%	-12.0%	-9.6%	0.4%	4.0%	12.4%	15.2%	24.3%	32.8%
1977	215	2.590	-8.5%	1.9%	-24.8%	-19.5%	-17.3%	-8.1%	-4.9%	2.9%	5.4%	13.8%
1978	242	2.916	12.6%	3.0%	14.7%	-15.4%	-9.4%	-6.9%	3.4%	7.1%	15.8%	18.6%
1979	233	2.807	-3.7%	8.4%	-0.9%	10.4%	-18.5%	-12.7%	-10.4%	-0.4%	3.1%	11.5%
1980	209	2.518	-10.3%	-13.6%	-2.8%	-11.1%	-0.9%	-26.9%	-21.7%	-19.6%	-10.7%	-7.5%
1981	179	2.157	-14.4%	-23.2%	-26.0%	-16.7%	-23.8%	-15.2%	-37.4%	-33.0%	-31.2%	-23.5%
1982	186	2.241	3.9%	-11.0%	-20.2%	-23.1%	-13.5%	-20.9%	-11.8%	-35.0%	-30.3%	-28.5%
1983	200	2.410	7.5%	11.7%	-4.3%	-14.2%	-17.4%	-7.0%	-14.9%	-5.2%	-30.1%	-25.1%
1984	226	2.723	13.0%	21.5%	26.3%	8.1%	-3.0%	-6.6%	5.1%	-3.8%	7.1%	-21.0%
1985	216	2.602	-4.4%	8.0%	16.1%	20.7%	3.3%	-7.3%	-10.7%	0.5%	-8.1%	2.4%
1986	235	2.831	8.8%	4.0%	17.5%	26.3%	31.3%	12.4%	0.9%	-2.9%	9.3%	0.0%
1987	253	3.048	7.7%	17.1%	11.9%	26.5%	36.0%	41.3%	21.1%	8.6%	4.5%	17.7%
1988	279	3.361	10.3%	18.7%	29.2%	23.5%	39.5%	50.0%	55.9%	33.5%	19.7%	15.3%
1989	323	3.892	15.8%	27.7%	37.4%	49.5%	42.9%	61.5%	73.7%	80.4%	54.5%	38.6%
1990	289	3.482	-10.5%	3.6%	14.2%	23.0%	33.8%	27.9%	44.5%	55.4%	61.5%	38.3%
1991	286	3.446	-1.0%	-11.5%	2.5%	13.0%	21.7%	32.4%	26.5%	43.0%	53.8%	59.8%
1992	273	3.289	-4.5%	-5.5%	-15.5%	-2.2%	7.9%	16.2%	26.4%	20.8%	36.5%	46.8%
1993	299	3.602	9.5%	4.5%	3.5%	-7.4%	7.2%	18.2%	27.2%	38.4%	32.3%	49.5%
1994	309	3.723	3.3%	13.2%	8.0%	6.9%	-4.3%	10.8%	22.1%	31.5%	43.1%	36.7%
1995	300	3.614	-2.9%	0.3%	9.9%	4.9%	3.8%	-7.1%	7.5%	18.6%	27.7%	38.9%
1996	299	3.602	-0.3%	-3.2%	0.0%	9.5%	4.5%	3.5%	-7.4%	7.2%	18.2%	27.2%
1997	299	3.602	0.0%	-0.3%	-3.2%	0.0%	9.5%	4.5%	3.5%	-7.4%	7.2%	18.2%
1998	334	4.024	11.7%	11.7%	11.3%	8.1%	11.7%	22.3%	16.8%	15.6%	3.4%	19.7%
1999	345	4.157	3.3%	15.4%	15.4%	15.0%	11.7%	15.4%	26.4%	20.6%	19.4%	6.8%
2000	315	3.795	-8.7%	-5.7%	5.4%	5.4%	5.0%	1.9%	5.4%	15.4%	10.1%	9.0%
			Max									
			24.8%	38.8%	62.6%	83.0%	101.1%	114.8%	131.8%	145.8%	156.8%	172.3%

Annual Heat Input

MARYLAND			Period of Maximum Decline										
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR	
1960	83	1.000											
1961	88	1.060	0										
1962	99	1.193	0	0									
1963	116	1.398	0	0	0								
1964	129	1.554	0	0	0	0							
1965	161	1.940	0	0	0	0	0						
1966	177	2.133	0	0	0	0	0	0					
1967	189	2.277	0	0	0	0	0	0	0				
1968	204	2.458	0	0	0	0	0	0	0	0			
1969	209	2.518	0	0	0	0	0	0	0	0	0		
1970	226	2.723	0	0	0	0	0	0	0	0	0	0	
1971	234	2.819	0	0	0	0	0	0	0	0	0	0	
1972	260	3.133	0	0	0	0	0	0	0	0	0	0	
1973	267	3.217	0	0	0	0	0	0	0	0	0	0	
1974	286	3.446	0	0	0	0	0	0	0	0	0	0	
1975	211	2.542	1974 - 1975	0	0	0	0	0	0	0	0	0	
1976	235	2.831	0	0	0	0	0	0	0	0	0	0	
1977	215	2.590	0	0	0	0	0	0	0	0	0	0	
1978	242	2.916	0	0	0	0	0	0	0	0	0	0	
1979	233	2.807	0	0	0	0	0	0	0	0	0	0	
1980	209	2.518	0	0	0	0	0	1974 - 1980	0	0	0	0	
1981	179	2.157	0	1979 - 1981	1978 - 1981	0	1976 - 1981	0	1974 - 1981	0	1972 - 1981	0	
1982	186	2.241	0	0	0	1978 - 1982	0	0	0	1974 - 1982	0	1972 - 1982	
1983	200	2.410	0	0	0	0	0	0	0	0	0	0	
1984	226	2.723	0	0	0	0	0	0	0	0	0	0	
1985	216	2.602	0	0	0	0	0	0	0	0	0	0	
1986	235	2.831	0	0	0	0	0	0	0	0	0	0	
1987	253	3.048	0	0	0	0	0	0	0	0	0	0	
1988	279	3.361	0	0	0	0	0	0	0	0	0	0	
1989	323	3.892	0	0	0	0	0	0	0	0	0	0	
1990	289	3.482	0	0	0	0	0	0	0	0	0	0	
1991	286	3.446	0	0	0	0	0	0	0	0	0	0	
1992	273	3.289	0	0	0	0	0	0	0	0	0	0	
1993	299	3.602	0	0	0	0	0	0	0	0	0	0	
1994	309	3.723	0	0	0	0	0	0	0	0	0	0	
1995	300	3.614	0	0	0	0	0	0	0	0	0	0	
1996	299	3.602	0	0	0	0	0	0	0	0	0	0	
1997	299	3.602	0	0	0	0	0	0	0	0	0	0	
1998	334	4.024	0	0	0	0	0	0	0	0	0	0	
1999	345	4.157	0	0	0	0	0	0	0	0	0	0	
2000	315	3.795	0	0	0	0	0	0	0	0	0	0	
			Min	-26.2%	-23.2%	-26.0%	-23.1%	-23.8%	-26.9%	-37.4%	-35.0%	-31.2%	-28.5%

Annual Heat Input

MARYLAND			All Periods of Declines									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	83	1.000										
1961	88	1.060	0									
1962	99	1.193	0	0								
1963	116	1.398	0	0	0							
1964	129	1.554	0	0	0	0						
1965	161	1.940	0	0	0	0	0					
1966	177	2.133	0	0	0	0	0	0				
1967	189	2.277	0	0	0	0	0	0	0			
1968	204	2.458	0	0	0	0	0	0	0	0		
1969	209	2.518	0	0	0	0	0	0	0	0	0	
1970	226	2.723	0	0	0	0	0	0	0	0	0	0
1971	234	2.819	0	0	0	0	0	0	0	0	0	0
1972	260	3.133	0	0	0	0	0	0	0	0	0	0
1973	267	3.217	0	0	0	0	0	0	0	0	0	0
1974	286	3.446	0	0	0	0	0	0	0	0	0	0
1975	211	2.542	1974 - 1975	1973 - 1975	1972 - 1975	1971 - 1975	1970 - 1975	0	0	0	0	0
1976	235	2.831	0	1974 - 1976	1973 - 1976	1972 - 1976	0	0	0	0	0	0
1977	215	2.590	1976 - 1977	0	1974 - 1977	1973 - 1977	1972 - 1977	1971 - 1977	1970 - 1977	0	0	0
1978	242	2.916	0	0	0	1974 - 1978	1973 - 1978	1972 - 1978	0	0	0	0
1979	233	2.807	1978 - 1979	0	1976 - 1979	0	1974 - 1979	1973 - 1979	1972 - 1979	1971 - 1979	0	0
1980	209	2.518	1979 - 1980	1978 - 1980	1977 - 1980	1976 - 1980	1975 - 1980	1974 - 1980	1973 - 1980	1972 - 1980	1971 - 1980	1970 - 1980
1981	179	2.157	1980 - 1981	1979 - 1981	1978 - 1981	1977 - 1981	1976 - 1981	1975 - 1981	1974 - 1981	1973 - 1981	1972 - 1981	1971 - 1981
1982	186	2.241	0	1980 - 1982	1979 - 1982	1978 - 1982	1977 - 1982	1976 - 1982	1975 - 1982	1974 - 1982	1973 - 1982	1972 - 1982
1983	200	2.410	0	0	1980 - 1983	1979 - 1983	1978 - 1983	1977 - 1983	1976 - 1983	1975 - 1983	1974 - 1983	1973 - 1983
1984	226	2.723	0	0	0	0	1979 - 1984	1978 - 1984	0	1976 - 1984	0	1974 - 1984
1985	216	2.602	1984 - 1985	0	0	0	0	1979 - 1985	1978 - 1985	0	1976 - 1985	0
1986	235	2.831	0	0	0	0	0	0	0	1978 - 1986	0	1976 - 1986
1987	253	3.048	0	0	0	0	0	0	0	0	0	0
1988	279	3.361	0	0	0	0	0	0	0	0	0	0
1989	323	3.892	0	0	0	0	0	0	0	0	0	0
1990	289	3.482	1989 - 1990	0	0	0	0	0	0	0	0	0
1991	286	3.446	1990 - 1991	1989 - 1991	0	0	0	0	0	0	0	0
1992	273	3.289	1991 - 1992	1990 - 1992	1989 - 1992	1988 - 1992	0	0	0	0	0	0
1993	299	3.602	0	0	0	1989 - 1993	0	0	0	0	0	0
1994	309	3.723	0	0	0	0	1989 - 1994	0	0	0	0	0
1995	300	3.614	1994 - 1995	0	0	0	0	1989 - 1995	0	0	0	0
1996	299	3.602	1995 - 1996	1994 - 1996	1993 - 1996	0	0	0	1989 - 1996	0	0	0
1997	299	3.602	1996 - 1997	1995 - 1997	1994 - 1997	1993 - 1997	0	0	0	1989 - 1997	0	0
1998	334	4.024	0	0	0	0	0	0	0	0	0	0
1999	345	4.157	0	0	0	0	0	0	0	0	0	0
2000	315	3.795	1999 - 2000	1998 - 2000	0	0	0	0	0	0	0	0

Annual Heat Input

MASSACHUSETTS			Percentage Change Annual Heat Input									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	130	1.000										
1961	149	1.146	14.6%									
1962	152	1.169	2.0%	16.9%								
1963	157	1.208	3.3%	5.4%	20.8%							
1964	177	1.362	12.7%	16.4%	18.8%	36.2%						
1965	197	1.515	11.3%	25.5%	29.6%	32.2%	51.5%					
1966	212	1.631	7.6%	19.8%	35.0%	39.5%	42.3%	63.1%				
1967	224	1.723	5.7%	13.7%	26.6%	42.7%	47.4%	50.3%	72.3%			
1968	233	1.792	4.0%	9.9%	18.3%	31.6%	48.4%	53.3%	56.4%	79.2%		
1969	253	1.946	8.6%	12.9%	19.3%	28.4%	42.9%	61.1%	66.4%	69.8%	94.6%	
1970	292	2.246	15.4%	25.3%	30.4%	37.7%	48.2%	65.0%	86.0%	92.1%	96.0%	124.6%
1971	291	2.238	-0.3%	15.0%	24.9%	29.9%	37.3%	47.7%	64.4%	85.4%	91.4%	95.3%
1972	312	2.400	7.2%	6.8%	23.3%	33.9%	39.3%	47.2%	58.4%	76.3%	98.7%	105.3%
1973	294	2.262	-5.8%	1.0%	0.7%	16.2%	26.2%	31.3%	38.7%	49.2%	66.1%	87.3%
1974	267	2.054	-9.2%	-14.4%	-8.2%	-8.6%	5.5%	14.6%	19.2%	25.9%	35.5%	50.8%
1975	274	2.108	2.6%	-6.8%	-12.2%	-5.8%	-6.2%	8.3%	17.6%	22.3%	29.2%	39.1%
1976	296	2.277	8.0%	10.9%	0.7%	-5.1%	1.7%	1.4%	17.0%	27.0%	32.1%	39.6%
1977	298	2.292	0.7%	8.8%	11.6%	1.4%	-4.5%	2.4%	2.1%	17.8%	27.9%	33.0%
1978	308	2.369	3.4%	4.1%	12.4%	15.4%	4.8%	-1.3%	5.8%	5.5%	21.7%	32.2%
1979	296	2.277	-3.9%	-0.7%	0.0%	8.0%	10.9%	0.7%	-5.1%	1.7%	1.4%	17.0%
1980	314	2.415	6.1%	1.9%	5.4%	6.1%	14.6%	17.6%	6.8%	0.6%	7.9%	7.5%
1981	285	2.192	-9.2%	-3.7%	-7.5%	-4.4%	-3.7%	4.0%	6.7%	-3.1%	-8.7%	-2.1%
1982	297	2.285	4.2%	-5.4%	0.3%	-3.6%	-0.3%	0.3%	8.4%	11.2%	1.0%	-4.8%
1983	290	2.231	-2.4%	1.8%	-7.6%	-2.0%	-5.8%	-2.7%	-2.0%	5.8%	8.6%	-1.4%
1984	316	2.431	9.0%	6.4%	10.9%	0.6%	6.8%	2.6%	6.0%	6.8%	15.3%	18.4%
1985	303	2.331	-4.1%	4.5%	2.0%	6.3%	-3.5%	2.4%	-1.6%	1.7%	2.4%	10.6%
1986	318	2.446	5.0%	0.6%	9.7%	7.1%	11.6%	1.3%	7.4%	3.2%	6.7%	7.4%
1987	333	2.562	4.7%	9.9%	5.4%	14.8%	12.1%	16.8%	6.1%	12.5%	8.1%	11.7%
1988	335	2.577	0.6%	5.3%	10.6%	6.0%	15.5%	12.8%	17.5%	6.7%	13.2%	8.8%
1989	363	2.792	8.4%	9.0%	14.2%	19.8%	14.9%	25.2%	22.2%	27.4%	15.6%	22.6%
1990	319	2.454	-12.1%	-4.8%	-4.2%	0.3%	5.3%	0.9%	10.0%	7.4%	11.9%	1.6%
1991	309	2.377	-3.1%	-14.9%	-7.8%	-7.2%	-2.8%	2.0%	-2.2%	6.6%	4.0%	8.4%
1992	281	2.162	-9.1%	-11.9%	-22.6%	-16.1%	-15.6%	-11.6%	-7.3%	-11.1%	-3.1%	-5.4%
1993	240	1.846	-14.6%	-22.3%	-24.8%	-33.9%	-28.4%	-27.9%	-24.5%	-20.8%	-24.1%	-17.2%
1994	236	1.815	-1.7%	-16.0%	-23.6%	-26.0%	-35.0%	-29.6%	-29.1%	-25.8%	-22.1%	-25.3%
1995	230	1.769	-2.5%	-4.2%	-18.1%	-25.6%	-27.9%	-36.6%	-31.3%	-30.9%	-27.7%	-24.1%
1996	219	1.685	-4.8%	-7.2%	-8.8%	-22.1%	-29.1%	-31.3%	-39.7%	-34.6%	-34.2%	-31.1%
1997	283	2.177	29.2%	23.0%	19.9%	17.9%	0.7%	-8.4%	-11.3%	-22.0%	-15.5%	-15.0%
1998	198	1.523	-30.0%	-9.6%	-13.9%	-16.1%	-17.5%	-29.5%	-35.9%	-37.9%	-45.5%	-40.9%
1999	192	1.477	-3.0%	-32.2%	-12.3%	-16.5%	-18.6%	-20.0%	-31.7%	-37.9%	-39.8%	-47.1%
2000	165	1.269	-14.1%	-16.7%	-41.7%	-24.7%	-28.3%	-30.1%	-31.3%	-41.3%	-46.6%	-48.3%
			Max									
			29.2%	25.5%	35.0%	42.7%	51.5%	65.0%	86.0%	92.1%	98.7%	124.6%

Annual Heat Input

MASSACHUSETTS			Period of Maximum Decline									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	130	1.000										
1961	149	1.146	0									
1962	152	1.169	0	0								
1963	157	1.208	0	0	0							
1964	177	1.362	0	0	0	0						
1965	197	1.515	0	0	0	0	0					
1966	212	1.631	0	0	0	0	0	0				
1967	224	1.723	0	0	0	0	0	0	0			
1968	233	1.792	0	0	0	0	0	0	0	0		
1969	253	1.946	0	0	0	0	0	0	0	0	0	
1970	292	2.246	0	0	0	0	0	0	0	0	0	0
1971	291	2.238	0	0	0	0	0	0	0	0	0	0
1972	312	2.400	0	0	0	0	0	0	0	0	0	0
1973	294	2.262	0	0	0	0	0	0	0	0	0	0
1974	267	2.054	0	0	0	0	0	0	0	0	0	0
1975	274	2.108	0	0	0	0	0	0	0	0	0	0
1976	296	2.277	0	0	0	0	0	0	0	0	0	0
1977	298	2.292	0	0	0	0	0	0	0	0	0	0
1978	308	2.369	0	0	0	0	0	0	0	0	0	0
1979	296	2.277	0	0	0	0	0	0	0	0	0	0
1980	314	2.415	0	0	0	0	0	0	0	0	0	0
1981	285	2.192	0	0	0	0	0	0	0	0	0	0
1982	297	2.285	0	0	0	0	0	0	0	0	0	0
1983	290	2.231	0	0	0	0	0	0	0	0	0	0
1984	316	2.431	0	0	0	0	0	0	0	0	0	0
1985	303	2.331	0	0	0	0	0	0	0	0	0	0
1986	318	2.446	0	0	0	0	0	0	0	0	0	0
1987	333	2.562	0	0	0	0	0	0	0	0	0	0
1988	335	2.577	0	0	0	0	0	0	0	0	0	0
1989	363	2.792	0	0	0	0	0	0	0	0	0	0
1990	319	2.454	0	0	0	0	0	0	0	0	0	0
1991	309	2.377	0	0	0	0	0	0	0	0	0	0
1992	281	2.162	0	0	0	0	0	0	0	0	0	0
1993	240	1.846	0	0	0	1989 - 1993	0	0	0	0	0	0
1994	236	1.815	0	0	0	0	1989 - 1994	0	0	0	0	0
1995	230	1.769	0	0	0	0	0	1989 - 1995	0	0	0	0
1996	219	1.685	0	0	0	0	0	0	1989 - 1996	0	0	0
1997	283	2.177	0	0	0	0	0	0	0	0	0	0
1998	198	1.523	1997 - 1998	0	0	0	0	0	0	0	0	0
1999	192	1.477	0	1997 - 1999	0	0	0	0	0	0	0	0
2000	165	1.269	0	0	1997 - 2000	0	0	0	0	1992 - 2000	1991 - 2000	1990 - 2000
			Min									
			-30.0%	-32.2%	-41.7%	-33.9%	-35.0%	-36.6%	-39.7%	-41.3%	-46.6%	-48.3%

Annual Heat Input

MASSACHUSETTS			All Periods of Declines									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	130	1.000										
1961	149	1.146	0									
1962	152	1.169	0	0								
1963	157	1.208	0	0	0							
1964	177	1.362	0	0	0	0						
1965	197	1.515	0	0	0	0	0					
1966	212	1.631	0	0	0	0	0	0				
1967	224	1.723	0	0	0	0	0	0	0			
1968	233	1.792	0	0	0	0	0	0	0	0		
1969	253	1.946	0	0	0	0	0	0	0	0	0	
1970	292	2.246	0	0	0	0	0	0	0	0	0	0
1971	291	2.238	1970 - 1971	0	0	0	0	0	0	0	0	0
1972	312	2.400	0	0	0	0	0	0	0	0	0	0
1973	294	2.262	1972 - 1973	0	0	0	0	0	0	0	0	0
1974	267	2.054	1973 - 1974	1972 - 1974	1971 - 1974	1970 - 1974	0	0	0	0	0	0
1975	274	2.108	0	1973 - 1975	1972 - 1975	1971 - 1975	1970 - 1975	0	0	0	0	0
1976	296	2.277	0	0	0	1972 - 1976	0	0	0	0	0	0
1977	298	2.292	0	0	0	0	1972 - 1977	0	0	0	0	0
1978	308	2.369	0	0	0	0	0	1972 - 1978	0	0	0	0
1979	296	2.277	1978 - 1979	1977 - 1979	1976 - 1979	0	0	0	1972 - 1979	0	0	0
1980	314	2.415	0	0	0	0	0	0	0	0	0	0
1981	285	2.192	1980 - 1981	1979 - 1981	1978 - 1981	1977 - 1981	1976 - 1981	0	0	1973 - 1981	1972 - 1981	1971 - 1981
1982	297	2.285	0	1980 - 1982	0	1978 - 1982	1977 - 1982	0	0	0	0	1972 - 1982
1983	290	2.231	1982 - 1983	0	1980 - 1983	1979 - 1983	1978 - 1983	1977 - 1983	1976 - 1983	0	0	1973 - 1983
1984	316	2.431	0	0	0	0	0	0	0	0	0	0
1985	303	2.331	1984 - 1985	0	0	0	1980 - 1985	0	1978 - 1985	0	0	0
1986	318	2.446	0	0	0	0	0	0	0	0	0	0
1987	333	2.562	0	0	0	0	0	0	0	0	0	0
1988	335	2.577	0	0	0	0	0	0	0	0	0	0
1989	363	2.792	0	0	0	0	0	0	0	0	0	0
1990	319	2.454	1989 - 1990	1988 - 1990	1987 - 1990	0	0	0	0	0	0	0
1991	309	2.377	1990 - 1991	1989 - 1991	1988 - 1991	1987 - 1991	1986 - 1991	0	1984 - 1991	0	0	0
1992	281	2.162	1991 - 1992	1990 - 1992	1989 - 1992	1988 - 1992	1987 - 1992	1986 - 1992	1985 - 1992	1984 - 1992	1983 - 1992	1982 - 1992
1993	240	1.846	1992 - 1993	1991 - 1993	1990 - 1993	1989 - 1993	1988 - 1993	1987 - 1993	1986 - 1993	1985 - 1993	1984 - 1993	1983 - 1993
1994	236	1.815	1993 - 1994	1992 - 1994	1991 - 1994	1990 - 1994	1989 - 1994	1988 - 1994	1987 - 1994	1986 - 1994	1985 - 1994	1984 - 1994
1995	230	1.769	1994 - 1995	1993 - 1995	1992 - 1995	1991 - 1995	1990 - 1995	1989 - 1995	1988 - 1995	1987 - 1995	1986 - 1995	1985 - 1995
1996	219	1.685	1995 - 1996	1994 - 1996	1993 - 1996	1992 - 1996	1991 - 1996	1990 - 1996	1989 - 1996	1988 - 1996	1987 - 1996	1986 - 1996
1997	283	2.177	0	0	0	0	0	1991 - 1997	1990 - 1997	1989 - 1997	1988 - 1997	1987 - 1997
1998	198	1.523	1997 - 1998	1996 - 1998	1995 - 1998	1994 - 1998	1993 - 1998	1992 - 1998	1991 - 1998	1990 - 1998	1989 - 1998	1988 - 1998
1999	192	1.477	1998 - 1999	1997 - 1999	1996 - 1999	1995 - 1999	1994 - 1999	1993 - 1999	1992 - 1999	1991 - 1999	1990 - 1999	1989 - 1999
2000	165	1.269	1999 - 2000	1998 - 2000	1997 - 2000	1996 - 2000	1995 - 2000	1994 - 2000	1993 - 2000	1992 - 2000	1991 - 2000	1990 - 2000

Annual Heat Input

MICHIGAN			Percentage Change Annual Heat Input									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	264	1.000										
1961	266	1.008	0.8%									
1962	305	1.155	14.7%	15.5%								
1963	335	1.269	9.8%	25.9%	26.9%							
1964	365	1.383	9.0%	19.7%	37.2%	38.3%						
1965	405	1.534	11.0%	20.9%	32.8%	52.3%	53.4%					
1966	465	1.761	14.8%	27.4%	38.8%	52.5%	74.8%	76.1%				
1967	490	1.856	5.4%	21.0%	34.2%	46.3%	60.7%	84.2%	85.6%			
1968	533	2.019	8.8%	14.6%	31.6%	46.0%	59.1%	74.8%	100.4%	101.9%		
1969	567	2.148	6.4%	15.7%	21.9%	40.0%	55.3%	69.3%	85.9%	113.2%	114.8%	
1970	586	2.220	3.4%	9.9%	19.6%	26.0%	44.7%	60.5%	74.9%	92.1%	120.3%	122.0%
1971	621	2.352	6.0%	9.5%	16.5%	26.7%	33.5%	53.3%	70.1%	85.4%	103.6%	133.5%
1972	603	2.284	-2.9%	2.9%	6.3%	13.1%	23.1%	29.7%	48.9%	65.2%	80.0%	97.7%
1973	612	2.318	1.5%	-1.4%	4.4%	7.9%	14.8%	24.9%	31.6%	51.1%	67.7%	82.7%
1974	626	2.371	2.3%	3.8%	0.8%	6.8%	10.4%	17.4%	27.8%	34.6%	54.6%	71.5%
1975	644	2.439	2.9%	5.2%	6.8%	3.7%	9.9%	13.6%	20.8%	31.4%	38.5%	59.0%
1976	623	2.360	-3.3%	-0.5%	1.8%	3.3%	0.3%	6.3%	9.9%	16.9%	27.1%	34.0%
1977	616	2.333	-1.1%	-4.3%	-1.6%	0.7%	2.2%	-0.8%	5.1%	8.6%	15.6%	25.7%
1978	653	2.473	6.0%	4.8%	1.4%	4.3%	6.7%	8.3%	5.2%	11.4%	15.2%	22.5%
1979	670	2.538	2.6%	8.8%	7.5%	4.0%	7.0%	9.5%	11.1%	7.9%	14.3%	18.2%
1980	616	2.333	-8.1%	-5.7%	0.0%	-1.1%	-4.3%	-1.6%	0.7%	2.2%	-0.8%	5.1%
1981	600	2.273	-2.6%	-10.4%	-8.1%	-2.6%	-3.7%	-6.8%	-4.2%	-2.0%	-0.5%	-3.4%
1982	545	2.064	-9.2%	-11.5%	-18.7%	-16.5%	-11.5%	-12.5%	-15.4%	-12.9%	-10.9%	-9.6%
1983	545	2.064	0.0%	-9.2%	-11.5%	-18.7%	-16.5%	-11.5%	-12.5%	-15.4%	-12.9%	-10.9%
1984	586	2.220	7.5%	7.5%	-2.3%	-4.9%	-12.5%	-10.3%	-4.9%	-5.9%	-9.0%	-6.4%
1985	618	2.341	5.5%	13.4%	13.4%	3.0%	0.3%	-7.8%	-5.4%	0.3%	-0.8%	-4.0%
1986	648	2.455	4.9%	10.6%	18.9%	18.9%	8.0%	5.2%	-3.3%	-0.8%	5.2%	4.0%
1987	728	2.758	12.3%	17.8%	24.2%	33.6%	33.6%	21.3%	18.2%	8.7%	11.5%	18.2%
1988	716	2.712	-1.6%	10.5%	15.9%	22.2%	31.4%	31.4%	19.3%	16.2%	6.9%	9.6%
1989	697	2.640	-2.7%	-4.3%	7.6%	12.8%	18.9%	27.9%	27.9%	16.2%	13.1%	4.0%
1990	676	2.561	-3.0%	-5.6%	-7.1%	4.3%	9.4%	15.4%	24.0%	24.0%	12.7%	9.7%
1991	678	2.568	0.3%	-2.7%	-5.3%	-6.9%	4.6%	9.7%	15.7%	24.4%	24.4%	13.0%
1992	638	2.417	-5.9%	-5.6%	-8.5%	-10.9%	-12.4%	-1.5%	3.2%	8.9%	17.1%	17.1%
1993	640	2.424	0.3%	-5.6%	-5.3%	-8.2%	-10.6%	-12.1%	-1.2%	3.6%	9.2%	17.4%
1994	696	2.636	8.7%	9.1%	2.7%	3.0%	-0.1%	-2.8%	-4.4%	7.4%	12.6%	18.8%
1995	688	2.606	-1.1%	7.5%	7.8%	1.5%	1.8%	-1.3%	-3.9%	-5.5%	6.2%	11.3%
1996	694	2.629	0.9%	-0.3%	8.4%	8.8%	2.4%	2.7%	-0.4%	-3.1%	-4.7%	7.1%
1997	693	2.625	-0.1%	0.7%	-0.4%	8.3%	8.6%	2.2%	2.5%	-0.6%	-3.2%	-4.8%
1998	759	2.875	9.5%	9.4%	10.3%	9.1%	18.6%	19.0%	11.9%	12.3%	8.9%	6.0%
1999	764	2.894	0.7%	10.2%	10.1%	11.0%	9.8%	19.4%	19.7%	12.7%	13.0%	9.6%
2000	738	2.795	-3.4%	-2.8%	6.5%	6.3%	7.3%	6.0%	15.3%	15.7%	8.8%	9.2%
			Max									
			14.8%	27.4%	38.8%	52.5%	74.8%	84.2%	100.4%	113.2%	120.3%	133.5%

Annual Heat Input

MICHIGAN			Period of Maximum Decline										
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR	
1960	264	1.000											
1961	266	1.008	0										
1962	305	1.155	0	0									
1963	335	1.269	0	0	0								
1964	365	1.383	0	0	0	0							
1965	405	1.534	0	0	0	0	0						
1966	465	1.761	0	0	0	0	0	0					
1967	490	1.856	0	0	0	0	0	0	0				
1968	533	2.019	0	0	0	0	0	0	0	0			
1969	567	2.148	0	0	0	0	0	0	0	0	0		
1970	586	2.220	0	0	0	0	0	0	0	0	0	0	
1971	621	2.352	0	0	0	0	0	0	0	0	0	0	
1972	603	2.284	0	0	0	0	0	0	0	0	0	0	
1973	612	2.318	0	0	0	0	0	0	0	0	0	0	
1974	626	2.371	0	0	0	0	0	0	0	0	0	0	
1975	644	2.439	0	0	0	0	0	0	0	0	0	0	
1976	623	2.360	0	0	0	0	0	0	0	0	0	0	
1977	616	2.333	0	0	0	0	0	0	0	0	0	0	
1978	653	2.473	0	0	0	0	0	0	0	0	0	0	
1979	670	2.538	0	0	0	0	0	0	0	0	0	0	
1980	616	2.333	0	0	0	0	0	0	0	0	0	0	
1981	600	2.273	0	0	0	0	0	0	0	0	0	0	
1982	545	2.064	1981 - 1982	1980 - 1982	1979 - 1982	0	0	1976 - 1982	1975 - 1982	0	0	0	
1983	545	2.064	0	0	0	1979 - 1983	1978 - 1983	0	0	1975 - 1983	1974 - 1983	1973 - 1983	
1984	586	2.220	0	0	0	0	0	0	0	0	0	0	
1985	618	2.341	0	0	0	0	0	0	0	0	0	0	
1986	648	2.455	0	0	0	0	0	0	0	0	0	0	
1987	728	2.758	0	0	0	0	0	0	0	0	0	0	
1988	716	2.712	0	0	0	0	0	0	0	0	0	0	
1989	697	2.640	0	0	0	0	0	0	0	0	0	0	
1990	676	2.561	0	0	0	0	0	0	0	0	0	0	
1991	678	2.568	0	0	0	0	0	0	0	0	0	0	
1992	638	2.417	0	0	0	0	0	0	0	0	0	0	
1993	640	2.424	0	0	0	0	0	0	0	0	0	0	
1994	696	2.636	0	0	0	0	0	0	0	0	0	0	
1995	688	2.606	0	0	0	0	0	0	0	0	0	0	
1996	694	2.629	0	0	0	0	0	0	0	0	0	0	
1997	693	2.625	0	0	0	0	0	0	0	0	0	0	
1998	759	2.875	0	0	0	0	0	0	0	0	0	0	
1999	764	2.894	0	0	0	0	0	0	0	0	0	0	
2000	738	2.795	0	0	0	0	0	0	0	0	0	0	
			Min	-9.2%	-11.5%	-18.7%	-18.7%	-16.5%	-12.5%	-15.4%	-15.4%	-12.9%	-10.9%

Annual Heat Input

MICHIGAN			All Periods of Declines									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	264	1.000										
1961	266	1.008	0									
1962	305	1.155	0	0								
1963	335	1.269	0	0	0							
1964	365	1.383	0	0	0	0						
1965	405	1.534	0	0	0	0	0					
1966	465	1.761	0	0	0	0	0	0				
1967	490	1.856	0	0	0	0	0	0	0			
1968	533	2.019	0	0	0	0	0	0	0	0		
1969	567	2.148	0	0	0	0	0	0	0	0	0	
1970	586	2.220	0	0	0	0	0	0	0	0	0	0
1971	621	2.352	0	0	0	0	0	0	0	0	0	0
1972	603	2.284	1971 - 1972	0	0	0	0	0	0	0	0	0
1973	612	2.318	0	1971 - 1973	0	0	0	0	0	0	0	0
1974	626	2.371	0	0	0	0	0	0	0	0	0	0
1975	644	2.439	0	0	0	0	0	0	0	0	0	0
1976	623	2.360	1975 - 1976	1974 - 1976	0	0	0	0	0	0	0	0
1977	616	2.333	1976 - 1977	1975 - 1977	1974 - 1977	0	0	1971 - 1977	0	0	0	0
1978	653	2.473	0	0	0	0	0	0	0	0	0	0
1979	670	2.538	0	0	0	0	0	0	0	0	0	0
1980	616	2.333	1979 - 1980	1978 - 1980	1977 - 1980	1976 - 1980	1975 - 1980	1974 - 1980	0	0	1971 - 1980	0
1981	600	2.273	1980 - 1981	1979 - 1981	1978 - 1981	1977 - 1981	1976 - 1981	1975 - 1981	1974 - 1981	1973 - 1981	1972 - 1981	1971 - 1981
1982	545	2.064	1981 - 1982	1980 - 1982	1979 - 1982	1978 - 1982	1977 - 1982	1976 - 1982	1975 - 1982	1974 - 1982	1973 - 1982	1972 - 1982
1983	545	2.064	1982 - 1983	1981 - 1983	1980 - 1983	1979 - 1983	1978 - 1983	1977 - 1983	1976 - 1983	1975 - 1983	1974 - 1983	1973 - 1983
1984	586	2.220	0	0	1981 - 1984	1980 - 1984	1979 - 1984	1978 - 1984	1977 - 1984	1976 - 1984	1975 - 1984	1974 - 1984
1985	618	2.341	0	0	0	0	0	1979 - 1985	1978 - 1985	0	1976 - 1985	1975 - 1985
1986	648	2.455	0	0	0	0	0	0	1979 - 1986	1978 - 1986	0	0
1987	728	2.758	0	0	0	0	0	0	0	0	0	0
1988	716	2.712	1987 - 1988	0	0	0	0	0	0	0	0	0
1989	697	2.640	1988 - 1989	1987 - 1989	0	0	0	0	0	0	0	0
1990	676	2.561	1989 - 1990	1988 - 1990	1987 - 1990	0	0	0	0	0	0	0
1991	678	2.568	0	1989 - 1991	1988 - 1991	1987 - 1991	0	0	0	0	0	0
1992	638	2.417	1991 - 1992	1990 - 1992	1989 - 1992	1988 - 1992	1987 - 1992	1986 - 1992	0	0	0	0
1993	640	2.424	0	1991 - 1993	1990 - 1993	1989 - 1993	1988 - 1993	1987 - 1993	1986 - 1993	0	0	0
1994	696	2.636	0	0	0	0	1989 - 1994	1988 - 1994	1987 - 1994	0	0	0
1995	688	2.606	1994 - 1995	0	0	0	0	1989 - 1995	1988 - 1995	1987 - 1995	0	0
1996	694	2.629	0	1994 - 1996	0	0	0	0	1989 - 1996	1988 - 1996	1987 - 1996	0
1997	693	2.625	1996 - 1997	0	1994 - 1997	0	0	0	0	1989 - 1997	1988 - 1997	1987 - 1997
1998	759	2.875	0	0	0	0	0	0	0	0	0	0
1999	764	2.894	0	0	0	0	0	0	0	0	0	0
2000	738	2.795	1999 - 2000	1998 - 2000	0	0	0	0	0	0	0	0

Annual Heat Input

MISSOURI			Percentage Change Annual Heat Input									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	114	1.000										
1961	117	1.026	2.6%									
1962	142	1.246	21.4%	24.6%								
1963	159	1.395	12.0%	35.9%	39.5%							
1964	166	1.456	4.4%	16.9%	41.9%	45.6%						
1965	172	1.509	3.6%	8.2%	21.1%	47.0%	50.9%					
1966	171	1.500	-0.6%	3.0%	7.5%	20.4%	46.2%	50.0%				
1967	179	1.570	4.7%	4.1%	7.8%	12.6%	26.1%	53.0%	57.0%			
1968	204	1.789	14.0%	19.3%	18.6%	22.9%	28.3%	43.7%	74.4%	78.9%		
1969	252	2.211	23.5%	40.8%	47.4%	46.5%	51.8%	58.5%	77.5%	115.4%	121.1%	
1970	298	2.614	18.3%	46.1%	66.5%	74.3%	73.3%	79.5%	87.4%	109.9%	154.7%	161.4%
1971	324	2.842	8.7%	28.6%	58.8%	81.0%	89.5%	88.4%	95.2%	103.8%	128.2%	176.9%
1972	346	3.035	6.8%	16.1%	37.3%	69.6%	93.3%	102.3%	101.2%	108.4%	117.6%	143.7%
1973	395	3.465	14.2%	21.9%	32.6%	56.7%	93.6%	120.7%	131.0%	129.7%	138.0%	148.4%
1974	386	3.386	-2.3%	11.6%	19.1%	29.5%	53.2%	89.2%	115.6%	125.7%	124.4%	132.5%
1975	414	3.632	7.3%	4.8%	19.7%	27.8%	38.9%	64.3%	102.9%	131.3%	142.1%	140.7%
1976	449	3.939	8.5%	16.3%	13.7%	29.8%	38.6%	50.7%	78.2%	120.1%	150.8%	162.6%
1977	489	4.289	8.9%	18.1%	26.7%	23.8%	41.3%	50.9%	64.1%	94.0%	139.7%	173.2%
1978	484	4.246	-1.0%	7.8%	16.9%	25.4%	22.5%	39.9%	49.4%	62.4%	92.1%	137.3%
1979	494	4.333	2.1%	1.0%	10.0%	19.3%	28.0%	25.1%	42.8%	52.5%	65.8%	96.0%
1980	513	4.500	3.8%	6.0%	4.9%	14.3%	23.9%	32.9%	29.9%	48.3%	58.3%	72.1%
1981	504	4.421	-1.8%	2.0%	4.1%	3.1%	12.2%	21.7%	30.6%	27.6%	45.7%	55.6%
1982	496	4.351	-1.6%	-3.3%	0.4%	2.5%	1.4%	10.5%	19.8%	28.5%	25.6%	43.4%
1983	532	4.667	7.3%	5.6%	3.7%	7.7%	9.9%	8.8%	18.5%	28.5%	37.8%	34.7%
1984	556	4.877	4.5%	12.1%	10.3%	8.4%	12.6%	14.9%	13.7%	23.8%	34.3%	44.0%
1985	488	4.281	-12.2%	-8.3%	-1.6%	-3.2%	-4.9%	-1.2%	0.8%	-0.2%	8.7%	17.9%
1986	474	4.158	-2.9%	-14.7%	-10.9%	-4.4%	-6.0%	-7.6%	-4.0%	-2.1%	-3.1%	5.6%
1987	491	4.307	3.6%	0.6%	-11.7%	-7.7%	-1.0%	-2.6%	-4.3%	-0.6%	1.4%	0.4%
1988	511	4.482	4.1%	7.8%	4.7%	-8.1%	-3.9%	3.0%	1.4%	-0.4%	3.4%	5.6%
1989	514	4.509	0.6%	4.7%	8.4%	5.3%	-7.6%	-3.4%	3.6%	2.0%	0.2%	4.0%
1990	509	4.465	-1.0%	-0.4%	3.7%	7.4%	4.3%	-8.5%	-4.3%	2.6%	1.0%	-0.8%
1991	515	4.518	1.2%	0.2%	0.8%	4.9%	8.6%	5.5%	-7.4%	-3.2%	3.8%	2.2%
1992	496	4.351	-3.7%	-2.6%	-3.5%	-2.9%	1.0%	4.6%	1.6%	-10.8%	-6.8%	0.0%
1993	446	3.912	-10.1%	-13.4%	-12.4%	-13.2%	-12.7%	-9.2%	-5.9%	-8.6%	-19.8%	-16.2%
1994	526	4.614	17.9%	6.0%	2.1%	3.3%	2.3%	2.9%	7.1%	11.0%	7.8%	-5.4%
1995	582	5.105	10.6%	30.5%	17.3%	13.0%	14.3%	13.2%	13.9%	18.5%	22.8%	19.3%
1996	606	5.316	4.1%	15.2%	35.9%	22.2%	17.7%	19.1%	17.9%	18.6%	23.4%	27.8%
1997	642	5.632	5.9%	10.3%	22.1%	43.9%	29.4%	24.7%	26.1%	24.9%	25.6%	30.8%
1998	662	5.807	3.1%	9.2%	13.7%	25.9%	48.4%	33.5%	28.5%	30.1%	28.8%	29.5%
1999	653	5.728	-1.4%	1.7%	7.8%	12.2%	24.1%	46.4%	31.7%	26.8%	28.3%	27.0%
2000	681	5.974	4.3%	2.9%	6.1%	12.4%	17.0%	29.5%	52.7%	37.3%	32.2%	33.8%
			Max									
			23.5%	46.1%	66.5%	81.0%	93.6%	120.7%	131.0%	131.3%	154.7%	176.9%

Annual Heat Input

MISSOURI			Period of Maximum Decline										
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR	
1960	114	1.000											
1961	117	1.026	0										
1962	142	1.246	0	0									
1963	159	1.395	0	0	0								
1964	166	1.456	0	0	0	0							
1965	172	1.509	0	0	0	0	0						
1966	171	1.500	0	0	0	0	0	0					
1967	179	1.570	0	0	0	0	0	0	0				
1968	204	1.789	0	0	0	0	0	0	0	0			
1969	252	2.211	0	0	0	0	0	0	0	0	0		
1970	298	2.614	0	0	0	0	0	0	0	0	0	0	
1971	324	2.842	0	0	0	0	0	0	0	0	0	0	
1972	346	3.035	0	0	0	0	0	0	0	0	0	0	
1973	395	3.465	0	0	0	0	0	0	0	0	0	0	
1974	386	3.386	0	0	0	0	0	0	0	0	0	0	
1975	414	3.632	0	0	0	0	0	0	0	0	0	0	
1976	449	3.939	0	0	0	0	0	0	0	0	0	0	
1977	489	4.289	0	0	0	0	0	0	0	0	0	0	
1978	484	4.246	0	0	0	0	0	0	0	0	0	0	
1979	494	4.333	0	0	0	0	0	0	0	0	0	0	
1980	513	4.500	0	0	0	0	0	0	0	0	0	0	
1981	504	4.421	0	0	0	0	0	0	0	0	0	0	
1982	496	4.351	0	0	0	0	0	0	0	0	0	0	
1983	532	4.667	0	0	0	0	0	0	0	0	0	0	
1984	556	4.877	0	0	0	0	0	0	0	0	0	0	
1985	488	4.281	1984 - 1985	0	0	0	0	0	0	0	0	0	
1986	474	4.158	0	1984 - 1986	0	0	0	0	0	0	0	0	
1987	491	4.307	0	0	0	0	0	0	0	0	0	0	
1988	511	4.482	0	0	0	0	0	0	0	0	0	0	
1989	514	4.509	0	0	0	0	0	0	0	0	0	0	
1990	509	4.465	0	0	0	0	0	0	0	0	0	0	
1991	515	4.518	0	0	0	0	0	0	1984 - 1991	0	0	0	
1992	496	4.351	0	0	0	0	0	0	0	1984 - 1992	0	0	
1993	446	3.912	0	0	1990 - 1993	1989 - 1993	1988 - 1993	1987 - 1993	0	0	1984 - 1993	1983 - 1993	
1994	526	4.614	0	0	0	0	0	0	0	0	0	0	
1995	582	5.105	0	0	0	0	0	0	0	0	0	0	
1996	606	5.316	0	0	0	0	0	0	0	0	0	0	
1997	642	5.632	0	0	0	0	0	0	0	0	0	0	
1998	662	5.807	0	0	0	0	0	0	0	0	0	0	
1999	653	5.728	0	0	0	0	0	0	0	0	0	0	
2000	681	5.974	0	0	0	0	0	0	0	0	0	0	
			Min	-12.2%	-14.7%	-12.4%	-13.2%	-12.7%	-9.2%	-7.4%	-10.8%	-19.8%	-16.2%

Annual Heat Input

MISSOURI			All Periods of Declines									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	114	1.000										
1961	117	1.026	0									
1962	142	1.246	0	0								
1963	159	1.395	0	0	0							
1964	166	1.456	0	0	0	0						
1965	172	1.509	0	0	0	0	0					
1966	171	1.500	1965 - 1966	0	0	0	0	0				
1967	179	1.570	0	0	0	0	0	0	0			
1968	204	1.789	0	0	0	0	0	0	0	0		
1969	252	2.211	0	0	0	0	0	0	0	0	0	
1970	298	2.614	0	0	0	0	0	0	0	0	0	0
1971	324	2.842	0	0	0	0	0	0	0	0	0	0
1972	346	3.035	0	0	0	0	0	0	0	0	0	0
1973	395	3.465	0	0	0	0	0	0	0	0	0	0
1974	386	3.386	1973 - 1974	0	0	0	0	0	0	0	0	0
1975	414	3.632	0	0	0	0	0	0	0	0	0	0
1976	449	3.939	0	0	0	0	0	0	0	0	0	0
1977	489	4.289	0	0	0	0	0	0	0	0	0	0
1978	484	4.246	1977 - 1978	0	0	0	0	0	0	0	0	0
1979	494	4.333	0	0	0	0	0	0	0	0	0	0
1980	513	4.500	0	0	0	0	0	0	0	0	0	0
1981	504	4.421	1980 - 1981	0	0	0	0	0	0	0	0	0
1982	496	4.351	1981 - 1982	1980 - 1982	0	0	0	0	0	0	0	0
1983	532	4.667	0	0	0	0	0	0	0	0	0	0
1984	556	4.877	0	0	0	0	0	0	0	0	0	0
1985	488	4.281	1984 - 1985	1983 - 1985	1982 - 1985	1981 - 1985	1980 - 1985	1979 - 1985	0	1977 - 1985	0	0
1986	474	4.158	1985 - 1986	1984 - 1986	1983 - 1986	1982 - 1986	1981 - 1986	1980 - 1986	1979 - 1986	1978 - 1986	1977 - 1986	0
1987	491	4.307	0	0	1984 - 1987	1983 - 1987	1982 - 1987	1981 - 1987	1980 - 1987	1979 - 1987	0	0
1988	511	4.482	0	0	0	1984 - 1988	1983 - 1988	0	0	1980 - 1988	0	0
1989	514	4.509	0	0	0	0	1984 - 1989	1983 - 1989	0	0	0	0
1990	509	4.465	1989 - 1990	1988 - 1990	0	0	0	1984 - 1990	1983 - 1990	0	0	1980 - 1990
1991	515	4.518	0	0	0	0	0	0	1984 - 1991	1983 - 1991	0	0
1992	496	4.351	1991 - 1992	1990 - 1992	1989 - 1992	1988 - 1992	0	0	0	1984 - 1992	1983 - 1992	1982 - 1992
1993	446	3.912	1992 - 1993	1991 - 1993	1990 - 1993	1989 - 1993	1988 - 1993	1987 - 1993	1986 - 1993	1985 - 1993	1984 - 1993	1983 - 1993
1994	526	4.614	0	0	0	0	0	0	0	0	0	1984 - 1994
1995	582	5.105	0	0	0	0	0	0	0	0	0	0
1996	606	5.316	0	0	0	0	0	0	0	0	0	0
1997	642	5.632	0	0	0	0	0	0	0	0	0	0
1998	662	5.807	0	0	0	0	0	0	0	0	0	0
1999	653	5.728	1998 - 1999	0	0	0	0	0	0	0	0	0
2000	681	5.974	0	0	0	0	0	0	0	0	0	0

Annual Heat Input

NEW JERSEY			Percentage Change Annual Heat Input									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	193	1.000										
1961	204	1.057	5.7%									
1962	215	1.114	5.4%	11.4%								
1963	229	1.187	6.5%	12.3%	18.7%							
1964	254	1.316	10.9%	18.1%	24.5%	31.6%						
1965	281	1.456	10.6%	22.7%	30.7%	37.7%	45.6%					
1966	312	1.617	11.0%	22.8%	36.2%	45.1%	52.9%	61.7%				
1967	318	1.648	1.9%	13.2%	25.2%	38.9%	47.9%	55.9%	64.8%			
1968	342	1.772	7.5%	9.6%	21.7%	34.6%	49.3%	59.1%	67.6%	77.2%		
1969	375	1.943	9.6%	17.9%	20.2%	33.5%	47.6%	63.8%	74.4%	83.8%	94.3%	
1970	392	2.031	4.5%	14.6%	23.3%	25.6%	39.5%	54.3%	71.2%	82.3%	92.2%	103.1%
1971	369	1.912	-5.9%	-1.6%	7.9%	16.0%	18.3%	31.3%	45.3%	61.1%	71.6%	80.9%
1972	355	1.839	-3.8%	-9.4%	-5.3%	3.8%	11.6%	13.8%	26.3%	39.8%	55.0%	65.1%
1973	390	2.021	9.9%	5.7%	-0.5%	4.0%	14.0%	22.6%	25.0%	38.8%	53.5%	70.3%
1974	350	1.813	-10.3%	-1.4%	-5.1%	-10.7%	-6.7%	2.3%	10.1%	12.2%	24.6%	37.8%
1975	229	1.187	-34.6%	-41.3%	-35.5%	-37.9%	-41.6%	-38.9%	-33.0%	-28.0%	-26.6%	-18.5%
1976	239	1.238	4.4%	-31.7%	-38.7%	-32.7%	-35.2%	-39.0%	-36.3%	-30.1%	-24.8%	-23.4%
1977	261	1.352	9.2%	14.0%	-25.4%	-33.1%	-26.5%	-29.3%	-33.4%	-30.4%	-23.7%	-17.9%
1978	243	1.259	-6.9%	1.7%	6.1%	-30.6%	-37.7%	-31.5%	-34.1%	-38.0%	-35.2%	-28.9%
1979	221	1.145	-9.1%	-15.3%	-7.5%	-3.5%	-36.9%	-43.3%	-37.7%	-40.1%	-43.6%	-41.1%
1980	247	1.280	11.8%	1.6%	-5.4%	3.3%	7.9%	-29.4%	-36.7%	-30.4%	-33.1%	-37.0%
1981	226	1.171	-8.5%	2.3%	-7.0%	-13.4%	-5.4%	-1.3%	-35.4%	-42.1%	-36.3%	-38.8%
1982	195	1.010	-13.7%	-21.1%	-11.8%	-19.8%	-25.3%	-18.4%	-14.8%	-44.3%	-50.0%	-45.1%
1983	237	1.228	21.5%	4.9%	-4.0%	7.2%	-2.5%	-9.2%	-0.8%	3.5%	-32.3%	-39.2%
1984	232	1.202	-2.1%	19.0%	2.7%	-6.1%	5.0%	-4.5%	-11.1%	-2.9%	1.3%	-33.7%
1985	191	0.990	-17.7%	-19.4%	-2.1%	-15.5%	-22.7%	-13.6%	-21.4%	-26.8%	-20.1%	-16.6%
1986	165	0.855	-13.6%	-28.9%	-30.4%	-15.4%	-27.0%	-33.2%	-25.3%	-32.1%	-36.8%	-31.0%
1987	195	1.010	18.2%	2.1%	-15.9%	-17.7%	0.0%	-13.7%	-21.1%	-11.8%	-19.8%	-25.3%
1988	184	0.953	-5.6%	11.5%	-3.7%	-20.7%	-22.4%	-5.6%	-18.6%	-25.5%	-16.7%	-24.3%
1989	205	1.062	11.4%	5.1%	24.2%	7.3%	-11.6%	-13.5%	5.1%	-9.3%	-17.0%	-7.2%
1990	144	0.746	-29.8%	-21.7%	-26.2%	-12.7%	-24.6%	-37.9%	-39.2%	-26.2%	-36.3%	-41.7%
1991	140	0.725	-2.8%	-31.7%	-23.9%	-28.2%	-15.2%	-26.7%	-39.7%	-40.9%	-28.2%	-38.1%
1992	110	0.570	-21.4%	-23.6%	-46.3%	-40.2%	-43.6%	-33.3%	-42.4%	-52.6%	-53.6%	-43.6%
1993	107	0.554	-2.7%	-23.6%	-25.7%	-47.8%	-41.8%	-45.1%	-35.2%	-44.0%	-53.9%	-54.9%
1994	114	0.591	6.5%	3.6%	-18.6%	-20.8%	-44.4%	-38.0%	-41.5%	-30.9%	-40.3%	-50.9%
1995	112	0.580	-1.8%	4.7%	1.8%	-20.0%	-22.2%	-45.4%	-39.1%	-42.6%	-32.1%	-41.4%
1996	95	0.492	-15.2%	-16.7%	-11.2%	-13.6%	-32.1%	-34.0%	-53.7%	-48.4%	-51.3%	-42.4%
1997	110	0.570	15.8%	-1.8%	-3.5%	2.8%	0.0%	-21.4%	-23.6%	-46.3%	-40.2%	-43.6%
1998	101	0.523	-8.2%	6.3%	-9.8%	-11.4%	-5.6%	-8.2%	-27.9%	-29.9%	-50.7%	-45.1%
1999	107	0.554	5.9%	-2.7%	12.6%	-4.5%	-6.1%	0.0%	-2.7%	-23.6%	-25.7%	-47.8%
2000	114	0.591	6.5%	12.9%	3.6%	20.0%	1.8%	0.0%	6.5%	3.6%	-18.6%	-20.8%
			Max									
			21.5%	22.8%	36.2%	45.1%	52.9%	63.8%	74.4%	83.8%	94.3%	103.1%

Annual Heat Input

NEW JERSEY			Period of Maximum Decline									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	193	1.000										
1961	204	1.057	0									
1962	215	1.114	0	0								
1963	229	1.187	0	0	0							
1964	254	1.316	0	0	0	0						
1965	281	1.456	0	0	0	0	0					
1966	312	1.617	0	0	0	0	0	0				
1967	318	1.648	0	0	0	0	0	0	0			
1968	342	1.772	0	0	0	0	0	0	0	0		
1969	375	1.943	0	0	0	0	0	0	0	0	0	
1970	392	2.031	0	0	0	0	0	0	0	0	0	0
1971	369	1.912	0	0	0	0	0	0	0	0	0	0
1972	355	1.839	0	0	0	0	0	0	0	0	0	0
1973	390	2.021	0	0	0	0	0	0	0	0	0	0
1974	350	1.813	0	0	0	0	0	0	0	0	0	0
1975	229	1.187	1974 - 1975	1973 - 1975	0	0	0	0	0	0	0	0
1976	239	1.238	0	0	0	0	0	0	0	0	0	0
1977	261	1.352	0	0	0	0	0	0	0	0	0	0
1978	243	1.259	0	0	0	0	0	0	0	0	0	0
1979	221	1.145	0	0	0	0	0	0	0	0	0	0
1980	247	1.280	0	0	0	0	0	0	0	0	0	0
1981	226	1.171	0	0	0	0	0	0	0	0	0	0
1982	195	1.010	0	0	0	0	0	0	0	0	0	0
1983	237	1.228	0	0	0	0	0	0	0	0	0	0
1984	232	1.202	0	0	0	0	0	0	0	0	0	0
1985	191	0.990	0	0	0	0	0	0	0	0	0	0
1986	165	0.855	0	0	0	0	0	0	0	0	0	0
1987	195	1.010	0	0	0	0	0	0	0	0	0	0
1988	184	0.953	0	0	0	0	0	0	0	0	0	0
1989	205	1.062	0	0	0	0	0	0	0	0	0	0
1990	144	0.746	0	0	0	0	0	0	0	0	0	0
1991	140	0.725	0	0	0	0	0	0	0	0	0	0
1992	110	0.570	0	0	1989 - 1992	0	0	0	0	1984 - 1992	0	0
1993	107	0.554	0	0	0	1989 - 1993	0	0	0	0	1984 - 1993	1983 - 1993
1994	114	0.591	0	0	0	0	1989 - 1994	0	0	0	0	0
1995	112	0.580	0	0	0	0	0	1989 - 1995	0	0	0	0
1996	95	0.492	0	0	0	0	0	0	1989 - 1996	0	0	0
1997	110	0.570	0	0	0	0	0	0	0	0	0	0
1998	101	0.523	0	0	0	0	0	0	0	0	0	0
1999	107	0.554	0	0	0	0	0	0	0	0	0	0
2000	114	0.591	0	0	0	0	0	0	0	0	0	0
			Min									
			-34.6%	-41.3%	-46.3%	-47.8%	-44.4%	-45.4%	-53.7%	-52.6%	-53.9%	-54.9%

Annual Heat Input

NEW JERSEY			All Periods of Declines									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	193	1.000										
1961	204	1.057	0									
1962	215	1.114	0	0								
1963	229	1.187	0	0	0							
1964	254	1.316	0	0	0	0						
1965	281	1.456	0	0	0	0	0					
1966	312	1.617	0	0	0	0	0	0				
1967	318	1.648	0	0	0	0	0	0	0			
1968	342	1.772	0	0	0	0	0	0	0	0		
1969	375	1.943	0	0	0	0	0	0	0	0	0	
1970	392	2.031	0	0	0	0	0	0	0	0	0	0
1971	369	1.912	1970 - 1971	1969 - 1971	0	0	0	0	0	0	0	0
1972	355	1.839	1971 - 1972	1970 - 1972	1969 - 1972	0	0	0	0	0	0	0
1973	390	2.021	0	0	1970 - 1973	0	0	0	0	0	0	0
1974	350	1.813	1973 - 1974	1972 - 1974	1971 - 1974	1970 - 1974	1969 - 1974	0	0	0	0	0
1975	229	1.187	1974 - 1975	1973 - 1975	1972 - 1975	1971 - 1975	1970 - 1975	1969 - 1975	1968 - 1975	1967 - 1975	1966 - 1975	1965 - 1975
1976	239	1.238	0	1974 - 1976	1973 - 1976	1972 - 1976	1971 - 1976	1970 - 1976	1969 - 1976	1968 - 1976	1967 - 1976	1966 - 1976
1977	261	1.352	0	0	1974 - 1977	1973 - 1977	1972 - 1977	1971 - 1977	1970 - 1977	1969 - 1977	1968 - 1977	1967 - 1977
1978	243	1.259	1977 - 1978	0	0	1974 - 1978	1973 - 1978	1972 - 1978	1971 - 1978	1970 - 1978	1969 - 1978	1968 - 1978
1979	221	1.145	1978 - 1979	1977 - 1979	1976 - 1979	1975 - 1979	1974 - 1979	1973 - 1979	1972 - 1979	1971 - 1979	1970 - 1979	1969 - 1979
1980	247	1.280	0	0	1977 - 1980	0	0	1974 - 1980	1973 - 1980	1972 - 1980	1971 - 1980	1970 - 1980
1981	226	1.171	1980 - 1981	0	1978 - 1981	1977 - 1981	1976 - 1981	1975 - 1981	1974 - 1981	1973 - 1981	1972 - 1981	1971 - 1981
1982	195	1.010	1981 - 1982	1980 - 1982	1979 - 1982	1978 - 1982	1977 - 1982	1976 - 1982	1975 - 1982	1974 - 1982	1973 - 1982	1972 - 1982
1983	237	1.228	0	0	1980 - 1983	0	1978 - 1983	1977 - 1983	1976 - 1983	0	1974 - 1983	1973 - 1983
1984	232	1.202	1983 - 1984	0	0	1980 - 1984	0	1978 - 1984	1977 - 1984	1976 - 1984	0	1974 - 1984
1985	191	0.990	1984 - 1985	1983 - 1985	1982 - 1985	1981 - 1985	1980 - 1985	1979 - 1985	1978 - 1985	1977 - 1985	1976 - 1985	1975 - 1985
1986	165	0.855	1985 - 1986	1984 - 1986	1983 - 1986	1982 - 1986	1981 - 1986	1980 - 1986	1979 - 1986	1978 - 1986	1977 - 1986	1976 - 1986
1987	195	1.010	0	0	1984 - 1987	1983 - 1987	1982 - 1987	1981 - 1987	1980 - 1987	1979 - 1987	1978 - 1987	1977 - 1987
1988	184	0.953	1987 - 1988	0	1985 - 1988	1984 - 1988	1983 - 1988	1982 - 1988	1981 - 1988	1980 - 1988	1979 - 1988	1978 - 1988
1989	205	1.062	0	0	0	0	1984 - 1989	1983 - 1989	0	1981 - 1989	1980 - 1989	1979 - 1989
1990	144	0.746	1989 - 1990	1988 - 1990	1987 - 1990	1986 - 1990	1985 - 1990	1984 - 1990	1983 - 1990	1982 - 1990	1981 - 1990	1980 - 1990
1991	140	0.725	1990 - 1991	1989 - 1991	1988 - 1991	1987 - 1991	1986 - 1991	1985 - 1991	1984 - 1991	1983 - 1991	1982 - 1991	1981 - 1991
1992	110	0.570	1991 - 1992	1990 - 1992	1989 - 1992	1988 - 1992	1987 - 1992	1986 - 1992	1985 - 1992	1984 - 1992	1983 - 1992	1982 - 1992
1993	107	0.554	1992 - 1993	1991 - 1993	1990 - 1993	1989 - 1993	1988 - 1993	1987 - 1993	1986 - 1993	1985 - 1993	1984 - 1993	1983 - 1993
1994	114	0.591	0	0	1991 - 1994	1990 - 1994	1989 - 1994	1988 - 1994	1987 - 1994	1986 - 1994	1985 - 1994	1984 - 1994
1995	112	0.580	1994 - 1995	0	0	1991 - 1995	1990 - 1995	1989 - 1995	1988 - 1995	1987 - 1995	1986 - 1995	1985 - 1995
1996	95	0.492	1995 - 1996	1994 - 1996	1993 - 1996	1992 - 1996	1991 - 1996	1990 - 1996	1989 - 1996	1988 - 1996	1987 - 1996	1986 - 1996
1997	110	0.570	0	1995 - 1997	1994 - 1997	0	1992 - 1997	1991 - 1997	1990 - 1997	1989 - 1997	1988 - 1997	1987 - 1997
1998	101	0.523	1997 - 1998	0	1995 - 1998	1994 - 1998	1993 - 1998	1992 - 1998	1991 - 1998	1990 - 1998	1989 - 1998	1988 - 1998
1999	107	0.554	0	1997 - 1999	0	1995 - 1999	1994 - 1999	1993 - 1999	1992 - 1999	1991 - 1999	1990 - 1999	1989 - 1999
2000	114	0.591	0	0	0	0	0	1994 - 2000	0	0	1991 - 2000	1990 - 2000

Annual Heat Input

NEW YORK			Percentage Change Annual Heat Input									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	451	1.000										
1961	444	0.984	-1.6%									
1962	458	1.016	3.2%	1.6%								
1963	493	1.093	7.6%	11.0%	9.3%							
1964	542	1.202	9.9%	18.3%	22.1%	20.2%						
1965	570	1.264	5.2%	15.6%	24.5%	28.4%	26.4%					
1966	604	1.339	6.0%	11.4%	22.5%	31.9%	36.0%	33.9%				
1967	640	1.419	6.0%	12.3%	18.1%	29.8%	39.7%	44.1%	41.9%			
1968	676	1.499	5.6%	11.9%	18.6%	24.7%	37.1%	47.6%	52.3%	49.9%		
1969	714	1.583	5.6%	11.6%	18.2%	25.3%	31.7%	44.8%	55.9%	60.8%	58.3%	
1970	757	1.678	6.0%	12.0%	18.3%	25.3%	32.8%	39.7%	53.5%	65.3%	70.5%	67.8%
1971	775	1.718	2.4%	8.5%	14.6%	21.1%	28.3%	36.0%	43.0%	57.2%	69.2%	74.5%
1972	788	1.747	1.7%	4.1%	10.4%	16.6%	23.1%	30.5%	38.2%	45.4%	59.8%	72.1%
1973	793	1.758	0.6%	2.3%	4.8%	11.1%	17.3%	23.9%	31.3%	39.1%	46.3%	60.9%
1974	739	1.639	-6.8%	-6.2%	-4.6%	-2.4%	3.5%	9.3%	15.5%	22.4%	29.6%	36.3%
1975	722	1.601	-2.3%	-9.0%	-8.4%	-6.8%	-4.6%	1.1%	6.8%	12.8%	19.5%	26.7%
1976	699	1.550	-3.2%	-5.4%	-11.9%	-11.3%	-9.8%	-7.7%	-2.1%	3.4%	9.2%	15.7%
1977	761	1.687	8.9%	5.4%	3.0%	-4.0%	-3.4%	-1.8%	0.5%	6.6%	12.6%	18.9%
1978	710	1.574	-6.7%	1.6%	-1.7%	-3.9%	-10.5%	-9.9%	-8.4%	-6.2%	-0.6%	5.0%
1979	666	1.477	-6.2%	-12.5%	-4.7%	-7.8%	-9.9%	-16.0%	-15.5%	-14.1%	-12.0%	-6.7%
1980	694	1.539	4.2%	-2.3%	-8.8%	-0.7%	-3.9%	-6.1%	-12.5%	-11.9%	-10.5%	-8.3%
1981	690	1.530	-0.6%	3.6%	-2.8%	-9.3%	-1.3%	-4.4%	-6.6%	-13.0%	-12.4%	-11.0%
1982	676	1.499	-2.0%	-2.6%	1.5%	-4.8%	-11.2%	-3.3%	-6.4%	-8.5%	-14.8%	-14.2%
1983	672	1.490	-0.6%	-2.6%	-3.2%	0.9%	-5.4%	-11.7%	-3.9%	-6.9%	-9.1%	-15.3%
1984	668	1.481	-0.6%	-1.2%	-3.2%	-3.7%	0.3%	-5.9%	-12.2%	-4.4%	-7.5%	-9.6%
1985	652	1.446	-2.4%	-3.0%	-3.6%	-5.5%	-6.1%	-2.1%	-8.2%	-14.3%	-6.7%	-9.7%
1986	633	1.404	-2.9%	-5.2%	-5.8%	-6.4%	-8.3%	-8.8%	-5.0%	-10.8%	-16.8%	-9.4%
1987	708	1.570	11.8%	8.6%	6.0%	5.4%	4.7%	2.6%	2.0%	6.3%	-0.3%	-7.0%
1988	795	1.763	12.3%	25.6%	21.9%	19.0%	18.3%	17.6%	15.2%	14.6%	19.4%	12.0%
1989	876	1.942	10.2%	23.7%	38.4%	34.4%	31.1%	30.4%	29.6%	27.0%	26.2%	31.5%
1990	832	1.845	-5.0%	4.7%	17.5%	31.4%	27.6%	24.6%	23.8%	23.1%	20.6%	19.9%
1991	757	1.678	-9.0%	-13.6%	-4.8%	6.9%	19.6%	16.1%	13.3%	12.6%	12.0%	9.7%
1992	657	1.457	-13.2%	-21.0%	-25.0%	-17.4%	-7.2%	3.8%	0.8%	-1.6%	-2.2%	-2.8%
1993	553	1.226	-15.8%	-26.9%	-33.5%	-36.9%	-30.4%	-21.9%	-12.6%	-15.2%	-17.2%	-17.7%
1994	523	1.160	-5.4%	-20.4%	-30.9%	-37.1%	-40.3%	-34.2%	-26.1%	-17.4%	-19.8%	-21.7%
1995	547	1.213	4.6%	-1.1%	-16.7%	-27.7%	-34.3%	-37.6%	-31.2%	-22.7%	-13.6%	-16.1%
1996	462	1.024	-15.5%	-11.7%	-16.5%	-29.7%	-39.0%	-44.5%	-47.3%	-41.9%	-34.7%	-27.0%
1997	533	1.182	15.4%	-2.6%	1.9%	-3.6%	-18.9%	-29.6%	-35.9%	-39.2%	-33.0%	-24.7%
1998	613	1.359	15.0%	32.7%	12.1%	17.2%	10.8%	-6.7%	-19.0%	-26.3%	-30.0%	-22.9%
1999	602	1.335	-1.8%	12.9%	30.3%	10.1%	15.1%	8.9%	-8.4%	-20.5%	-27.6%	-31.3%
2000	586	1.299	-2.7%	-4.4%	9.9%	26.8%	7.1%	12.0%	6.0%	-10.8%	-22.6%	-29.6%
			Max									
			15.4%	32.7%	38.4%	34.4%	39.7%	47.6%	55.9%	65.3%	70.5%	74.5%

Annual Heat Input

NEW YORK			Period of Maximum Decline										
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR	
1960	451	1.000											
1961	444	0.984	0										
1962	458	1.016	0	0									
1963	493	1.093	0	0	0								
1964	542	1.202	0	0	0	0							
1965	570	1.264	0	0	0	0	0						
1966	604	1.339	0	0	0	0	0	0					
1967	640	1.419	0	0	0	0	0	0	0				
1968	676	1.499	0	0	0	0	0	0	0	0			
1969	714	1.583	0	0	0	0	0	0	0	0	0		
1970	757	1.678	0	0	0	0	0	0	0	0	0	0	
1971	775	1.718	0	0	0	0	0	0	0	0	0	0	
1972	788	1.747	0	0	0	0	0	0	0	0	0	0	
1973	793	1.758	0	0	0	0	0	0	0	0	0	0	
1974	739	1.639	0	0	0	0	0	0	0	0	0	0	
1975	722	1.601	0	0	0	0	0	0	0	0	0	0	
1976	699	1.550	0	0	0	0	0	0	0	0	0	0	
1977	761	1.687	0	0	0	0	0	0	0	0	0	0	
1978	710	1.574	0	0	0	0	0	0	0	0	0	0	
1979	666	1.477	0	0	0	0	0	0	0	0	0	0	
1980	694	1.539	0	0	0	0	0	0	0	0	0	0	
1981	690	1.530	0	0	0	0	0	0	0	0	0	0	
1982	676	1.499	0	0	0	0	0	0	0	0	0	0	
1983	672	1.490	0	0	0	0	0	0	0	0	0	0	
1984	668	1.481	0	0	0	0	0	0	0	0	0	0	
1985	652	1.446	0	0	0	0	0	0	0	0	0	0	
1986	633	1.404	0	0	0	0	0	0	0	0	0	0	
1987	708	1.570	0	0	0	0	0	0	0	0	0	0	
1988	795	1.763	0	0	0	0	0	0	0	0	0	0	
1989	876	1.942	0	0	0	0	0	0	0	0	0	0	
1990	832	1.845	0	0	0	0	0	0	0	0	0	0	
1991	757	1.678	0	0	0	0	0	0	0	0	0	0	
1992	657	1.457	0	0	0	0	0	0	0	0	0	0	
1993	553	1.226	1992 - 1993	1991 - 1993	1990 - 1993	0	0	0	0	0	0	0	
1994	523	1.160	0	0	0	1990 - 1994	1989 - 1994	0	0	0	0	0	
1995	547	1.213	0	0	0	0	0	0	0	0	0	0	
1996	462	1.024	0	0	0	0	0	1990 - 1996	1989 - 1996	1988 - 1996	1987 - 1996	0	
1997	533	1.182	0	0	0	0	0	0	0	0	0	0	
1998	613	1.359	0	0	0	0	0	0	0	0	0	0	
1999	602	1.335	0	0	0	0	0	0	0	0	0	1989 - 1999	
2000	586	1.299	0	0	0	0	0	0	0	0	0	0	
			Min	-15.8%	-26.9%	-33.5%	-37.1%	-40.3%	-44.5%	-47.3%	-41.9%	-34.7%	-31.3%

Annual Heat Input

NEW YORK			All Periods of Declines									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	451	1.000										
1961	444	0.984	1960 - 1961									
1962	458	1.016	0	0								
1963	493	1.093	0	0	0							
1964	542	1.202	0	0	0	0						
1965	570	1.264	0	0	0	0	0					
1966	604	1.339	0	0	0	0	0	0				
1967	640	1.419	0	0	0	0	0	0	0			
1968	676	1.499	0	0	0	0	0	0	0	0		
1969	714	1.583	0	0	0	0	0	0	0	0	0	
1970	757	1.678	0	0	0	0	0	0	0	0	0	0
1971	775	1.718	0	0	0	0	0	0	0	0	0	0
1972	788	1.747	0	0	0	0	0	0	0	0	0	0
1973	793	1.758	0	0	0	0	0	0	0	0	0	0
1974	739	1.639	1973 - 1974	1972 - 1974	1971 - 1974	1970 - 1974	0	0	0	0	0	0
1975	722	1.601	1974 - 1975	1973 - 1975	1972 - 1975	1971 - 1975	1970 - 1975	0	0	0	0	0
1976	699	1.550	1975 - 1976	1974 - 1976	1973 - 1976	1972 - 1976	1971 - 1976	1970 - 1976	1969 - 1976	0	0	0
1977	761	1.687	0	0	0	1973 - 1977	1972 - 1977	1971 - 1977	0	0	0	0
1978	710	1.574	1977 - 1978	0	1975 - 1978	1974 - 1978	1973 - 1978	1972 - 1978	1971 - 1978	1970 - 1978	1969 - 1978	0
1979	666	1.477	1978 - 1979	1977 - 1979	1976 - 1979	1975 - 1979	1974 - 1979	1973 - 1979	1972 - 1979	1971 - 1979	1970 - 1979	1969 - 1979
1980	694	1.539	0	1978 - 1980	1977 - 1980	1976 - 1980	1975 - 1980	1974 - 1980	1973 - 1980	1972 - 1980	1971 - 1980	1970 - 1980
1981	690	1.530	1980 - 1981	0	1978 - 1981	1977 - 1981	1976 - 1981	1975 - 1981	1974 - 1981	1973 - 1981	1972 - 1981	1971 - 1981
1982	676	1.499	1981 - 1982	1980 - 1982	0	1978 - 1982	1977 - 1982	1976 - 1982	1975 - 1982	1974 - 1982	1973 - 1982	1972 - 1982
1983	672	1.490	1982 - 1983	1981 - 1983	1980 - 1983	0	1978 - 1983	1977 - 1983	1976 - 1983	1975 - 1983	1974 - 1983	1973 - 1983
1984	668	1.481	1983 - 1984	1982 - 1984	1981 - 1984	1980 - 1984	0	1978 - 1984	1977 - 1984	1976 - 1984	1975 - 1984	1974 - 1984
1985	652	1.446	1984 - 1985	1983 - 1985	1982 - 1985	1981 - 1985	1980 - 1985	1979 - 1985	1978 - 1985	1977 - 1985	1976 - 1985	1975 - 1985
1986	633	1.404	1985 - 1986	1984 - 1986	1983 - 1986	1982 - 1986	1981 - 1986	1980 - 1986	1979 - 1986	1978 - 1986	1977 - 1986	1976 - 1986
1987	708	1.570	0	0	0	0	0	0	0	0	1978 - 1987	1977 - 1987
1988	795	1.763	0	0	0	0	0	0	0	0	0	0
1989	876	1.942	0	0	0	0	0	0	0	0	0	0
1990	832	1.845	1989 - 1990	0	0	0	0	0	0	0	0	0
1991	757	1.678	1990 - 1991	1989 - 1991	1988 - 1991	0	0	0	0	0	0	0
1992	657	1.457	1991 - 1992	1990 - 1992	1989 - 1992	1988 - 1992	1987 - 1992	0	0	1984 - 1992	1983 - 1992	1982 - 1992
1993	553	1.226	1992 - 1993	1991 - 1993	1990 - 1993	1989 - 1993	1988 - 1993	1987 - 1993	1986 - 1993	1985 - 1993	1984 - 1993	1983 - 1993
1994	523	1.160	1993 - 1994	1992 - 1994	1991 - 1994	1990 - 1994	1989 - 1994	1988 - 1994	1987 - 1994	1986 - 1994	1985 - 1994	1984 - 1994
1995	547	1.213	0	1993 - 1995	1992 - 1995	1991 - 1995	1990 - 1995	1989 - 1995	1988 - 1995	1987 - 1995	1986 - 1995	1985 - 1995
1996	462	1.024	1995 - 1996	1994 - 1996	1993 - 1996	1992 - 1996	1991 - 1996	1990 - 1996	1989 - 1996	1988 - 1996	1987 - 1996	1986 - 1996
1997	533	1.182	0	1995 - 1997	0	1993 - 1997	1992 - 1997	1991 - 1997	1990 - 1997	1989 - 1997	1988 - 1997	1987 - 1997
1998	613	1.359	0	0	0	0	0	1992 - 1998	1991 - 1998	1990 - 1998	1989 - 1998	1988 - 1998
1999	602	1.335	1998 - 1999	0	0	0	0	0	1992 - 1999	1991 - 1999	1990 - 1999	1989 - 1999
2000	586	1.299	1999 - 2000	1998 - 2000	0	0	0	0	0	1992 - 2000	1991 - 2000	1990 - 2000

Annual Heat Input

NORTH CAROLINA			Percentage Change Annual Heat Input									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	149	1.000										
1961	161	1.081	8.1%									
1962	178	1.195	10.6%	19.5%								
1963	201	1.349	12.9%	24.8%	34.9%							
1964	218	1.463	8.5%	22.5%	35.4%	46.3%						
1965	251	1.685	15.1%	24.9%	41.0%	55.9%	68.5%					
1966	299	2.007	19.1%	37.2%	48.8%	68.0%	85.7%	100.7%				
1967	327	2.195	9.4%	30.3%	50.0%	62.7%	83.7%	103.1%	119.5%			
1968	377	2.530	15.3%	26.1%	50.2%	72.9%	87.6%	111.8%	134.2%	153.0%		
1969	419	2.812	11.1%	28.1%	40.1%	66.9%	92.2%	108.5%	135.4%	160.2%	181.2%	
1970	460	3.087	9.8%	22.0%	40.7%	53.8%	83.3%	111.0%	128.9%	158.4%	185.7%	208.7%
1971	465	3.121	1.1%	11.0%	23.3%	42.2%	55.5%	85.3%	113.3%	131.3%	161.2%	188.8%
1972	498	3.342	7.1%	8.3%	18.9%	32.1%	52.3%	66.6%	98.4%	128.4%	147.8%	179.8%
1973	536	3.597	7.6%	15.3%	16.5%	27.9%	42.2%	63.9%	79.3%	113.5%	145.9%	166.7%
1974	513	3.443	-4.3%	3.0%	10.3%	11.5%	22.4%	36.1%	56.9%	71.6%	104.4%	135.3%
1975	435	2.919	-15.2%	-18.8%	-12.7%	-6.5%	-5.4%	3.8%	15.4%	33.0%	45.5%	73.3%
1976	510	3.423	17.2%	-0.6%	-4.9%	2.4%	9.7%	10.9%	21.7%	35.3%	56.0%	70.6%
1977	514	3.450	0.8%	18.2%	0.2%	-4.1%	3.2%	10.5%	11.7%	22.7%	36.3%	57.2%
1978	469	3.148	-8.8%	-8.0%	7.8%	-8.6%	-12.5%	-5.8%	0.9%	2.0%	11.9%	24.4%
1979	518	3.477	10.4%	0.8%	1.6%	19.1%	1.0%	-3.4%	4.0%	11.4%	12.6%	23.6%
1980	592	3.973	14.3%	26.2%	15.2%	16.1%	36.1%	15.4%	10.4%	18.9%	27.3%	28.7%
1981	614	4.121	3.7%	18.5%	30.9%	19.5%	20.4%	41.1%	19.7%	14.6%	23.3%	32.0%
1982	580	3.893	-5.5%	-2.0%	12.0%	23.7%	12.8%	13.7%	33.3%	13.1%	8.2%	16.5%
1983	548	3.678	-5.5%	-10.7%	-7.4%	5.8%	16.8%	6.6%	7.5%	26.0%	6.8%	2.2%
1984	509	3.416	-7.1%	-12.2%	-17.1%	-14.0%	-1.7%	8.5%	-1.0%	-0.2%	17.0%	-0.8%
1985	493	3.309	-3.1%	-10.0%	-15.0%	-19.7%	-16.7%	-4.8%	5.1%	-4.1%	-3.3%	13.3%
1986	519	3.483	5.3%	2.0%	-5.3%	-10.5%	-15.5%	-12.3%	0.2%	10.7%	1.0%	1.8%
1987	437	2.933	-15.8%	-11.4%	-14.1%	-20.3%	-24.7%	-28.8%	-26.2%	-15.6%	-6.8%	-15.0%
1988	451	3.027	3.2%	-13.1%	-8.5%	-11.4%	-17.7%	-22.2%	-26.5%	-23.8%	-12.9%	-3.8%
1989	494	3.315	9.5%	13.0%	-4.8%	0.2%	-2.9%	-9.9%	-14.8%	-19.5%	-16.6%	-4.6%
1990	457	3.067	-7.5%	1.3%	4.6%	-11.9%	-7.3%	-10.2%	-16.6%	-21.2%	-25.6%	-22.8%
1991	457	3.067	0.0%	-7.5%	1.3%	4.6%	-11.9%	-7.3%	-10.2%	-16.6%	-21.2%	-25.6%
1992	528	3.544	15.5%	15.5%	6.9%	17.1%	20.8%	1.7%	7.1%	3.7%	-3.6%	-9.0%
1993	580	3.893	9.8%	26.9%	26.9%	17.4%	28.6%	32.7%	11.8%	17.6%	13.9%	5.8%
1994	516	3.463	-11.0%	-2.3%	12.9%	12.9%	4.5%	14.4%	18.1%	-0.6%	4.7%	1.4%
1995	540	3.624	4.7%	-6.9%	2.3%	18.2%	18.2%	9.3%	19.7%	23.6%	4.0%	9.5%
1996	629	4.221	16.5%	21.9%	8.4%	19.1%	37.6%	37.6%	27.3%	39.5%	43.9%	21.2%
1997	681	4.570	8.3%	26.1%	32.0%	17.4%	29.0%	49.0%	49.0%	37.9%	51.0%	55.8%
1998	682	4.577	0.1%	8.4%	26.3%	32.2%	17.6%	29.2%	49.2%	49.2%	38.1%	51.2%
1999	675	4.530	-1.0%	-0.9%	7.3%	25.0%	30.8%	16.4%	27.8%	47.7%	47.7%	36.6%
2000	709	4.758	5.0%	4.0%	4.1%	12.7%	31.3%	37.4%	22.2%	34.3%	55.1%	55.1%
			Max									
			19.1%	37.2%	50.2%	72.9%	92.2%	111.8%	135.4%	160.2%	185.7%	208.7%

Annual Heat Input

NORTH CAROLINA			Period of Maximum Decline									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	149	1.000										
1961	161	1.081	0									
1962	178	1.195	0	0								
1963	201	1.349	0	0	0							
1964	218	1.463	0	0	0	0						
1965	251	1.685	0	0	0	0	0					
1966	299	2.007	0	0	0	0	0	0				
1967	327	2.195	0	0	0	0	0	0	0			
1968	377	2.530	0	0	0	0	0	0	0	0		
1969	419	2.812	0	0	0	0	0	0	0	0	0	
1970	460	3.087	0	0	0	0	0	0	0	0	0	0
1971	465	3.121	0	0	0	0	0	0	0	0	0	0
1972	498	3.342	0	0	0	0	0	0	0	0	0	0
1973	536	3.597	0	0	0	0	0	0	0	0	0	0
1974	513	3.443	0	0	0	0	0	0	0	0	0	0
1975	435	2.919	0	1973 - 1975	0	0	0	0	0	0	0	0
1976	510	3.423	0	0	0	0	0	0	0	0	0	0
1977	514	3.450	0	0	0	0	0	0	0	0	0	0
1978	469	3.148	0	0	0	0	0	0	0	0	0	0
1979	518	3.477	0	0	0	0	0	0	0	0	0	0
1980	592	3.973	0	0	0	0	0	0	0	0	0	0
1981	614	4.121	0	0	0	0	0	0	0	0	0	0
1982	580	3.893	0	0	0	0	0	0	0	0	0	0
1983	548	3.678	0	0	0	0	0	0	0	0	0	0
1984	509	3.416	0	0	1981 - 1984	0	0	0	0	0	0	0
1985	493	3.309	0	0	0	0	0	0	0	0	0	0
1986	519	3.483	0	0	0	0	0	0	0	0	0	0
1987	437	2.933	1986 - 1987	0	0	1983 - 1987	1982 - 1987	1981 - 1987	0	0	0	0
1988	451	3.027	0	0	0	0	0	0	1981 - 1988	1980 - 1988	0	0
1989	494	3.315	0	0	0	0	0	0	0	0	0	0
1990	457	3.067	0	0	0	0	0	0	0	0	1981 - 1990	0
1991	457	3.067	0	0	0	0	0	0	0	0	0	1981 - 1991
1992	528	3.544	0	0	0	0	0	0	0	0	0	0
1993	580	3.893	0	0	0	0	0	0	0	0	0	0
1994	516	3.463	0	0	0	0	0	0	0	0	0	0
1995	540	3.624	0	0	0	0	0	0	0	0	0	0
1996	629	4.221	0	0	0	0	0	0	0	0	0	0
1997	681	4.570	0	0	0	0	0	0	0	0	0	0
1998	682	4.577	0	0	0	0	0	0	0	0	0	0
1999	675	4.530	0	0	0	0	0	0	0	0	0	0
2000	709	4.758	0	0	0	0	0	0	0	0	0	0
			Min	-15.8%	-18.8%	-17.1%	-20.3%	-24.7%	-28.8%	-26.5%	-23.8%	-25.6%

Annual Heat Input

NORTH CAROLINA			All Periods of Declines									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	149	1.000										
1961	161	1.081	0									
1962	178	1.195	0	0								
1963	201	1.349	0	0	0							
1964	218	1.463	0	0	0	0						
1965	251	1.685	0	0	0	0	0					
1966	299	2.007	0	0	0	0	0	0				
1967	327	2.195	0	0	0	0	0	0	0			
1968	377	2.530	0	0	0	0	0	0	0	0		
1969	419	2.812	0	0	0	0	0	0	0	0	0	
1970	460	3.087	0	0	0	0	0	0	0	0	0	0
1971	465	3.121	0	0	0	0	0	0	0	0	0	0
1972	498	3.342	0	0	0	0	0	0	0	0	0	0
1973	536	3.597	0	0	0	0	0	0	0	0	0	0
1974	513	3.443	1973 - 1974	0	0	0	0	0	0	0	0	0
1975	435	2.919	1974 - 1975	1973 - 1975	1972 - 1975	1971 - 1975	1970 - 1975	0	0	0	0	0
1976	510	3.423	0	1974 - 1976	1973 - 1976	0	0	0	0	0	0	0
1977	514	3.450	0	0	0	1973 - 1977	0	0	0	0	0	0
1978	469	3.148	1977 - 1978	1976 - 1978	0	1974 - 1978	1973 - 1978	1972 - 1978	0	0	0	0
1979	518	3.477	0	0	0	0	0	1973 - 1979	0	0	0	0
1980	592	3.973	0	0	0	0	0	0	0	0	0	0
1981	614	4.121	0	0	0	0	0	0	0	0	0	0
1982	580	3.893	1981 - 1982	1980 - 1982	0	0	0	0	0	0	0	0
1983	548	3.678	1982 - 1983	1981 - 1983	1980 - 1983	0	0	0	0	0	0	0
1984	509	3.416	1983 - 1984	1982 - 1984	1981 - 1984	1980 - 1984	1979 - 1984	0	1977 - 1984	1976 - 1984	0	1974 - 1984
1985	493	3.309	1984 - 1985	1983 - 1985	1982 - 1985	1981 - 1985	1980 - 1985	1979 - 1985	0	1977 - 1985	1976 - 1985	0
1986	519	3.483	0	0	1983 - 1986	1982 - 1986	1981 - 1986	1980 - 1986	0	0	0	0
1987	437	2.933	1986 - 1987	1985 - 1987	1984 - 1987	1983 - 1987	1982 - 1987	1981 - 1987	1980 - 1987	1979 - 1987	1978 - 1987	1977 - 1987
1988	451	3.027	0	1986 - 1988	1985 - 1988	1984 - 1988	1983 - 1988	1982 - 1988	1981 - 1988	1980 - 1988	1979 - 1988	1978 - 1988
1989	494	3.315	0	0	1986 - 1989	0	1984 - 1989	1983 - 1989	1982 - 1989	1981 - 1989	1980 - 1989	1979 - 1989
1990	457	3.067	1989 - 1990	0	0	1986 - 1990	1985 - 1990	1984 - 1990	1983 - 1990	1982 - 1990	1981 - 1990	1980 - 1990
1991	457	3.067	1990 - 1991	1989 - 1991	0	0	1986 - 1991	1985 - 1991	1984 - 1991	1983 - 1991	1982 - 1991	1981 - 1991
1992	528	3.544	0	0	0	0	0	0	0	0	1983 - 1992	1982 - 1992
1993	580	3.893	0	0	0	0	0	0	0	0	0	0
1994	516	3.463	1993 - 1994	1992 - 1994	0	0	0	0	0	1986 - 1994	0	0
1995	540	3.624	0	1993 - 1995	0	0	0	0	0	0	0	0
1996	629	4.221	0	0	0	0	0	0	0	0	0	0
1997	681	4.570	0	0	0	0	0	0	0	0	0	0
1998	682	4.577	0	0	0	0	0	0	0	0	0	0
1999	675	4.530	1998 - 1999	1997 - 1999	0	0	0	0	0	0	0	0
2000	709	4.758	0	0	0	0	0	0	0	0	0	0

Annual Heat Input

OHIO			Percentage Change Annual Heat Input										
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR	
1960	517	1.000											
1961	498	0.963	-3.7%										
1962	529	1.023	6.2%	2.3%									
1963	554	1.072	4.7%	11.2%	7.2%								
1964	564	1.091	1.8%	6.6%	13.3%	9.1%							
1965	591	1.143	4.8%	6.7%	11.7%	18.7%	14.3%						
1966	634	1.226	7.3%	12.4%	14.4%	19.8%	27.3%	22.6%					
1967	678	1.311	6.9%	14.7%	20.2%	22.4%	28.2%	36.1%	31.1%				
1968	747	1.445	10.2%	17.8%	26.4%	32.4%	34.8%	41.2%	50.0%	44.5%			
1969	810	1.567	8.4%	19.5%	27.8%	37.1%	43.6%	46.2%	53.1%	62.7%	56.7%		
1970	826	1.598	2.0%	10.6%	21.8%	30.3%	39.8%	46.5%	49.1%	56.1%	65.9%	59.8%	
1971	884	1.710	7.0%	9.1%	18.3%	30.4%	39.4%	49.6%	56.7%	59.6%	67.1%	77.5%	
1972	941	1.820	6.4%	13.9%	16.2%	26.0%	38.8%	48.4%	59.2%	66.8%	69.9%	77.9%	
1973	1027	1.986	9.1%	16.2%	24.3%	26.8%	37.5%	51.5%	62.0%	73.8%	82.1%	85.4%	
1974	1031	1.994	0.4%	9.6%	16.6%	24.8%	27.3%	38.0%	52.1%	62.6%	74.5%	82.8%	
1975	1065	2.060	3.3%	3.7%	13.2%	20.5%	28.9%	31.5%	42.6%	57.1%	68.0%	80.2%	
1976	1115	2.157	4.7%	8.1%	8.6%	18.5%	26.1%	35.0%	37.7%	49.3%	64.5%	75.9%	
1977	1137	2.199	2.0%	6.8%	10.3%	10.7%	20.8%	28.6%	37.7%	40.4%	52.2%	67.7%	
1978	1129	2.184	-0.7%	1.3%	6.0%	9.5%	9.9%	20.0%	27.7%	36.7%	39.4%	51.1%	
1979	1189	2.300	5.3%	4.6%	6.6%	11.6%	15.3%	15.8%	26.4%	34.5%	43.9%	46.8%	
1980	1128	2.182	-5.1%	-0.1%	-0.8%	1.2%	5.9%	9.4%	9.8%	19.9%	27.6%	36.6%	
1981	1108	2.143	-1.8%	-6.8%	-1.9%	-2.6%	-0.6%	4.0%	7.5%	7.9%	17.7%	25.3%	
1982	1063	2.056	-4.1%	-5.8%	-10.6%	-5.8%	-6.5%	-4.7%	-0.2%	3.1%	3.5%	13.0%	
1983	1043	2.017	-1.9%	-5.9%	-7.5%	-12.3%	-7.6%	-8.3%	-6.5%	-2.1%	1.2%	1.6%	
1984	1063	2.056	1.9%	0.0%	-4.1%	-5.8%	-10.6%	-5.8%	-6.5%	-4.7%	-0.2%	3.1%	
1985	1108	2.143	4.2%	6.2%	4.2%	0.0%	-1.8%	-6.8%	-1.9%	-2.6%	-0.6%	4.0%	
1986	1144	2.213	3.2%	7.6%	9.7%	7.6%	3.2%	1.4%	-3.8%	1.3%	0.6%	2.6%	
1987	1136	2.197	-0.7%	2.5%	6.9%	8.9%	6.9%	2.5%	0.7%	-4.5%	0.6%	-0.1%	
1988	1170	2.263	3.0%	2.3%	5.6%	10.1%	12.2%	10.1%	5.6%	3.7%	-1.6%	3.6%	
1989	1202	2.325	2.7%	5.8%	5.1%	8.5%	13.1%	15.2%	13.1%	8.5%	6.6%	1.1%	
1990	1166	2.255	-3.0%	-0.3%	2.6%	1.9%	5.2%	9.7%	11.8%	9.7%	5.2%	3.4%	
1991	1192	2.306	2.2%	-0.8%	1.9%	4.9%	4.2%	7.6%	12.1%	14.3%	12.1%	7.6%	
1992	1213	2.346	1.8%	4.0%	0.9%	3.7%	6.8%	6.0%	9.5%	14.1%	16.3%	14.1%	
1993	1246	2.410	2.7%	4.5%	6.9%	3.7%	6.5%	9.7%	8.9%	12.5%	17.2%	19.5%	
1994	1197	2.315	-3.9%	-1.3%	0.4%	2.7%	-0.4%	2.3%	5.4%	4.6%	8.0%	12.6%	
1995	1218	2.356	1.8%	-2.2%	0.4%	2.2%	4.5%	1.3%	4.1%	7.2%	6.5%	9.9%	
1996	1297	2.509	6.5%	8.4%	4.1%	6.9%	8.8%	11.2%	7.9%	10.9%	14.2%	13.4%	
1997	1265	2.447	-2.5%	3.9%	5.7%	1.5%	4.3%	6.1%	8.5%	5.2%	8.1%	11.4%	
1998	1310	2.534	3.6%	1.0%	7.6%	9.4%	5.1%	8.0%	9.9%	12.3%	9.0%	12.0%	
1999	1259	2.435	-3.9%	-0.5%	-2.9%	3.4%	5.2%	1.0%	3.8%	5.6%	8.0%	4.7%	
2000	1321	2.555	4.9%	0.8%	4.4%	1.9%	8.5%	10.4%	6.0%	8.9%	10.8%	13.3%	
			Max	10.2%	19.5%	27.8%	37.1%	43.6%	51.5%	62.0%	73.8%	82.1%	85.4%

Annual Heat Input

OHIO			Period of Maximum Decline										
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR	
1960	517	1.000											
1961	498	0.963	0										
1962	529	1.023	0	0									
1963	554	1.072	0	0	0								
1964	564	1.091	0	0	0	0							
1965	591	1.143	0	0	0	0	0						
1966	634	1.226	0	0	0	0	0	0					
1967	678	1.311	0	0	0	0	0	0	0				
1968	747	1.445	0	0	0	0	0	0	0	0			
1969	810	1.567	0	0	0	0	0	0	0	0	0		
1970	826	1.598	0	0	0	0	0	0	0	0	0	0	
1971	884	1.710	0	0	0	0	0	0	0	0	0	0	
1972	941	1.820	0	0	0	0	0	0	0	0	0	0	
1973	1027	1.986	0	0	0	0	0	0	0	0	0	0	
1974	1031	1.994	0	0	0	0	0	0	0	0	0	0	
1975	1065	2.060	0	0	0	0	0	0	0	0	0	0	
1976	1115	2.157	0	0	0	0	0	0	0	0	0	0	
1977	1137	2.199	0	0	0	0	0	0	0	0	0	0	
1978	1129	2.184	0	0	0	0	0	0	0	0	0	0	
1979	1189	2.300	0	0	0	0	0	0	0	0	0	0	
1980	1128	2.182	1979 - 1980	0	0	0	0	0	0	0	0	0	
1981	1108	2.143	0	1979 - 1981	0	0	0	0	0	0	0	0	
1982	1063	2.056	0	0	1979 - 1982	0	0	0	0	0	0	0	
1983	1043	2.017	0	0	0	1979 - 1983	0	1977 - 1983	0	0	0	0	
1984	1063	2.056	0	0	0	0	1979 - 1984	0	1977 - 1984	1976 - 1984	0	0	
1985	1108	2.143	0	0	0	0	0	0	0	0	0	0	
1986	1144	2.213	0	0	0	0	0	0	0	0	0	0	
1987	1136	2.197	0	0	0	0	0	0	0	0	0	1977 - 1987	
1988	1170	2.263	0	0	0	0	0	0	0	0	1979 - 1988	0	
1989	1202	2.325	0	0	0	0	0	0	0	0	0	0	
1990	1166	2.255	0	0	0	0	0	0	0	0	0	0	
1991	1192	2.306	0	0	0	0	0	0	0	0	0	0	
1992	1213	2.346	0	0	0	0	0	0	0	0	0	0	
1993	1246	2.410	0	0	0	0	0	0	0	0	0	0	
1994	1197	2.315	0	0	0	0	0	0	0	0	0	0	
1995	1218	2.356	0	0	0	0	0	0	0	0	0	0	
1996	1297	2.509	0	0	0	0	0	0	0	0	0	0	
1997	1265	2.447	0	0	0	0	0	0	0	0	0	0	
1998	1310	2.534	0	0	0	0	0	0	0	0	0	0	
1999	1259	2.435	0	0	0	0	0	0	0	0	0	0	
2000	1321	2.555	0	0	0	0	0	0	0	0	0	0	
			Min	-5.1%	-6.8%	-10.6%	-12.3%	-10.6%	-8.3%	-6.5%	-4.7%	-1.6%	-0.1%

Annual Heat Input

OHIO			All Periods of Declines									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	517	1.000										
1961	498	0.963	1960 - 1961									
1962	529	1.023	0	0								
1963	554	1.072	0	0	0							
1964	564	1.091	0	0	0	0						
1965	591	1.143	0	0	0	0	0					
1966	634	1.226	0	0	0	0	0	0				
1967	678	1.311	0	0	0	0	0	0	0			
1968	747	1.445	0	0	0	0	0	0	0	0		
1969	810	1.567	0	0	0	0	0	0	0	0	0	
1970	826	1.598	0	0	0	0	0	0	0	0	0	0
1971	884	1.710	0	0	0	0	0	0	0	0	0	0
1972	941	1.820	0	0	0	0	0	0	0	0	0	0
1973	1027	1.986	0	0	0	0	0	0	0	0	0	0
1974	1031	1.994	0	0	0	0	0	0	0	0	0	0
1975	1065	2.060	0	0	0	0	0	0	0	0	0	0
1976	1115	2.157	0	0	0	0	0	0	0	0	0	0
1977	1137	2.199	0	0	0	0	0	0	0	0	0	0
1978	1129	2.184	1977 - 1978	0	0	0	0	0	0	0	0	0
1979	1189	2.300	0	0	0	0	0	0	0	0	0	0
1980	1128	2.182	1979 - 1980	1978 - 1980	1977 - 1980	0	0	0	0	0	0	0
1981	1108	2.143	1980 - 1981	1979 - 1981	1978 - 1981	1977 - 1981	1976 - 1981	0	0	0	0	0
1982	1063	2.056	1981 - 1982	1980 - 1982	1979 - 1982	1978 - 1982	1977 - 1982	1976 - 1982	1975 - 1982	0	0	0
1983	1043	2.017	1982 - 1983	1981 - 1983	1980 - 1983	1979 - 1983	1978 - 1983	1977 - 1983	1976 - 1983	1975 - 1983	0	0
1984	1063	2.056	0	1982 - 1984	1981 - 1984	1980 - 1984	1979 - 1984	1978 - 1984	1977 - 1984	1976 - 1984	1975 - 1984	0
1985	1108	2.143	0	0	0	1981 - 1985	1980 - 1985	1979 - 1985	1978 - 1985	1977 - 1985	1976 - 1985	0
1986	1144	2.213	0	0	0	0	0	0	1979 - 1986	0	0	0
1987	1136	2.197	1986 - 1987	0	0	0	0	0	0	1979 - 1987	0	1977 - 1987
1988	1170	2.263	0	0	0	0	0	0	0	0	1979 - 1988	0
1989	1202	2.325	0	0	0	0	0	0	0	0	0	0
1990	1166	2.255	1989 - 1990	1988 - 1990	0	0	0	0	0	0	0	0
1991	1192	2.306	0	1989 - 1991	0	0	0	0	0	0	0	0
1992	1213	2.346	0	0	0	0	0	0	0	0	0	0
1993	1246	2.410	0	0	0	0	0	0	0	0	0	0
1994	1197	2.315	1993 - 1994	1992 - 1994	0	0	1989 - 1994	0	0	0	0	0
1995	1218	2.356	0	1993 - 1995	0	0	0	0	0	0	0	0
1996	1297	2.509	0	0	0	0	0	0	0	0	0	0
1997	1265	2.447	1996 - 1997	0	0	0	0	0	0	0	0	0
1998	1310	2.534	0	0	0	0	0	0	0	0	0	0
1999	1259	2.435	1998 - 1999	1997 - 1999	1996 - 1999	0	0	0	0	0	0	0
2000	1321	2.555	0	0	0	0	0	0	0	0	0	0

Annual Heat Input

PENNSYLVANIA			Percentage Change Annual Heat Input									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	449	1.000										
1961	457	1.018	1.8%									
1962	484	1.078	5.9%	7.8%								
1963	509	1.134	5.2%	11.4%	13.4%							
1964	558	1.243	9.6%	15.3%	22.1%	24.3%						
1965	585	1.303	4.8%	14.9%	20.9%	28.0%	30.3%					
1966	622	1.385	6.3%	11.5%	22.2%	28.5%	36.1%	38.5%				
1967	644	1.434	3.5%	10.1%	15.4%	26.5%	33.1%	40.9%	43.4%			
1968	701	1.561	8.9%	12.7%	19.8%	25.6%	37.7%	44.8%	53.4%	56.1%		
1969	768	1.710	9.6%	19.3%	23.5%	31.3%	37.6%	50.9%	58.7%	68.1%	71.0%	
1970	854	1.902	11.2%	21.8%	32.6%	37.3%	46.0%	53.0%	67.8%	76.4%	86.9%	90.2%
1971	928	2.067	8.7%	20.8%	32.4%	44.1%	49.2%	58.6%	66.3%	82.3%	91.7%	103.1%
1972	1,005	2.238	8.3%	17.7%	30.9%	43.4%	56.1%	61.6%	71.8%	80.1%	97.4%	107.6%
1973	1,064	2.370	5.9%	14.7%	24.6%	38.5%	51.8%	65.2%	71.1%	81.9%	90.7%	109.0%
1974	972	2.165	-8.6%	-3.3%	4.7%	13.8%	26.6%	38.7%	50.9%	56.3%	66.2%	74.2%
1975	946	2.107	-2.7%	-11.1%	-5.9%	1.9%	10.8%	23.2%	35.0%	46.9%	52.1%	61.7%
1976	1,007	2.243	6.4%	3.6%	-5.4%	0.2%	8.5%	17.9%	31.1%	43.7%	56.4%	61.9%
1977	1,027	2.287	2.0%	8.6%	5.7%	-3.5%	2.2%	10.7%	20.3%	33.7%	46.5%	59.5%
1978	1,068	2.379	4.0%	6.1%	12.9%	9.9%	0.4%	6.3%	15.1%	25.1%	39.1%	52.4%
1979	1,140	2.539	6.7%	11.0%	13.2%	20.5%	17.3%	7.1%	13.4%	22.8%	33.5%	48.4%
1980	1,279	2.849	12.2%	19.8%	24.5%	27.0%	35.2%	31.6%	20.2%	27.3%	37.8%	49.8%
1981	1,066	2.374	-16.7%	-6.5%	-0.2%	3.8%	5.9%	12.7%	9.7%	0.2%	6.1%	14.9%
1982	1,044	2.325	-2.1%	-18.4%	-8.4%	-2.2%	1.7%	3.7%	10.4%	7.4%	-1.9%	3.9%
1983	1,106	2.463	5.9%	3.8%	-13.5%	-3.0%	3.6%	7.7%	9.8%	16.9%	13.8%	3.9%
1984	1,106	2.463	0.0%	5.9%	3.8%	-13.5%	-3.0%	3.6%	7.7%	9.8%	16.9%	13.8%
1985	1,108	2.468	0.2%	0.2%	6.1%	3.9%	-13.4%	-2.8%	3.7%	7.9%	10.0%	17.1%
1986	1,090	2.428	-1.6%	-1.4%	-1.4%	4.4%	2.3%	-14.8%	-4.4%	2.1%	6.1%	8.2%
1987	1,099	2.448	0.8%	-0.8%	-0.6%	-0.6%	5.3%	3.1%	-14.1%	-3.6%	2.9%	7.0%
1988	1,145	2.550	4.2%	5.0%	3.3%	3.5%	3.5%	9.7%	7.4%	-10.5%	0.4%	7.2%
1989	1,151	2.563	0.5%	4.7%	5.6%	3.9%	4.1%	4.1%	10.2%	8.0%	-10.0%	1.0%
1990	1,061	2.363	-7.8%	-7.3%	-3.5%	-2.7%	-4.2%	-4.1%	-4.1%	1.6%	-0.5%	-17.0%
1991	1,038	2.312	-2.2%	-9.8%	-9.3%	-5.6%	-4.8%	-6.3%	-6.1%	-6.1%	-0.6%	-2.6%
1992	1,029	2.292	-0.9%	-3.0%	-10.6%	-10.1%	-6.4%	-5.6%	-7.1%	-7.0%	-7.0%	-1.4%
1993	1,056	2.352	2.6%	1.7%	-0.5%	-8.3%	-7.8%	-3.9%	-3.1%	-4.7%	-4.5%	-4.5%
1994	1,011	2.252	-4.3%	-1.7%	-2.6%	-4.7%	-12.2%	-11.7%	-8.0%	-7.2%	-8.8%	-8.6%
1995	1,030	2.294	1.9%	-2.5%	0.1%	-0.8%	-2.9%	-10.5%	-10.0%	-6.3%	-5.5%	-7.0%
1996	1,058	2.356	2.7%	4.6%	0.2%	2.8%	1.9%	-0.3%	-8.1%	-7.6%	-3.7%	-2.9%
1997	1,080	2.405	2.1%	4.9%	6.8%	2.3%	5.0%	4.0%	1.8%	-6.2%	-5.7%	-1.7%
1998	1,112	2.477	3.0%	5.1%	8.0%	10.0%	5.3%	8.1%	7.1%	4.8%	-3.4%	-2.9%
1999	912	2.031	-18.0%	-15.6%	-13.8%	-11.5%	-9.8%	-13.6%	-11.4%	-12.1%	-14.0%	-20.8%
2000	966	2.151	5.9%	-13.1%	-10.6%	-8.7%	-6.2%	-4.5%	-8.5%	-6.1%	-6.9%	-9.0%
			Max									
			12.2%	21.8%	32.6%	44.1%	56.1%	65.2%	71.8%	82.3%	97.4%	109.0%

Annual Heat Input

PENNSYLVANIA			Period of Maximum Decline									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	449	1.000										
1961	457	1.018	0									
1962	484	1.078	0	0								
1963	509	1.134	0	0	0							
1964	558	1.243	0	0	0	0						
1965	585	1.303	0	0	0	0	0					
1966	622	1.385	0	0	0	0	0	0				
1967	644	1.434	0	0	0	0	0	0	0			
1968	701	1.561	0	0	0	0	0	0	0	0		
1969	768	1.710	0	0	0	0	0	0	0	0	0	
1970	854	1.902	0	0	0	0	0	0	0	0	0	0
1971	928	2.067	0	0	0	0	0	0	0	0	0	0
1972	1,005	2.238	0	0	0	0	0	0	0	0	0	0
1973	1,064	2.370	0	0	0	0	0	0	0	0	0	0
1974	972	2.165	0	0	0	0	0	0	0	0	0	0
1975	946	2.107	0	0	0	0	0	0	0	0	0	0
1976	1,007	2.243	0	0	0	0	0	0	0	0	0	0
1977	1,027	2.287	0	0	0	0	0	0	0	0	0	0
1978	1,068	2.379	0	0	0	0	0	0	0	0	0	0
1979	1,140	2.539	0	0	0	0	0	0	0	0	0	0
1980	1,279	2.849	0	0	0	0	0	0	0	0	0	0
1981	1,066	2.374	0	0	0	0	0	0	0	0	0	0
1982	1,044	2.325	0	1980 - 1982	0	0	0	0	0	0	0	0
1983	1,106	2.463	0	0	0	0	0	0	0	0	0	0
1984	1,106	2.463	0	0	0	1980 - 1984	0	0	0	0	0	0
1985	1,108	2.468	0	0	0	0	1980 - 1985	0	0	0	0	0
1986	1,090	2.428	0	0	0	0	0	1980 - 1986	0	0	0	0
1987	1,099	2.448	0	0	0	0	0	0	1980 - 1987	0	0	0
1988	1,145	2.550	0	0	0	0	0	0	0	0	0	0
1989	1,151	2.563	0	0	0	0	0	0	0	0	0	0
1990	1,061	2.363	0	0	0	0	0	0	0	0	0	0
1991	1,038	2.312	0	0	0	0	0	0	0	0	0	0
1992	1,029	2.292	0	0	0	0	0	0	0	0	0	0
1993	1,056	2.352	0	0	0	0	0	0	0	0	0	0
1994	1,011	2.252	0	0	0	0	0	0	0	0	0	0
1995	1,030	2.294	0	0	0	0	0	0	0	0	0	0
1996	1,058	2.356	0	0	0	0	0	0	0	0	0	0
1997	1,080	2.405	0	0	0	0	0	0	0	0	0	0
1998	1,112	2.477	0	0	0	0	0	0	0	0	0	0
1999	912	2.031	1998 - 1999	0	1996 - 1999	0	0	0	0	1991 - 1999	1990 - 1999	1989 - 1999
2000	966	2.151	0	0	0	0	0	0	0	0	0	0
			Min									
			-18.0%	-18.4%	-13.8%	-13.5%	-13.4%	-14.8%	-14.1%	-12.1%	-14.0%	-20.8%

Annual Heat Input

PENNSYLVANIA			All Periods of Declines									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	449	1.000										
1961	457	1.018	0									
1962	484	1.078	0	0								
1963	509	1.134	0	0	0							
1964	558	1.243	0	0	0	0						
1965	585	1.303	0	0	0	0	0					
1966	622	1.385	0	0	0	0	0	0				
1967	644	1.434	0	0	0	0	0	0	0			
1968	701	1.561	0	0	0	0	0	0	0	0		
1969	768	1.710	0	0	0	0	0	0	0	0	0	
1970	854	1.902	0	0	0	0	0	0	0	0	0	0
1971	928	2.067	0	0	0	0	0	0	0	0	0	0
1972	1,005	2.238	0	0	0	0	0	0	0	0	0	0
1973	1,064	2.370	0	0	0	0	0	0	0	0	0	0
1974	972	2.165	1973 - 1974	1972 - 1974	0	0	0	0	0	0	0	0
1975	946	2.107	1974 - 1975	1973 - 1975	1972 - 1975	0	0	0	0	0	0	0
1976	1,007	2.243	0	0	1973 - 1976	0	0	0	0	0	0	0
1977	1,027	2.287	0	0	0	1973 - 1977	0	0	0	0	0	0
1978	1,068	2.379	0	0	0	0	0	0	0	0	0	0
1979	1,140	2.539	0	0	0	0	0	0	0	0	0	0
1980	1,279	2.849	0	0	0	0	0	0	0	0	0	0
1981	1,066	2.374	1980 - 1981	1979 - 1981	1978 - 1981	0	0	0	0	0	0	0
1982	1,044	2.325	1981 - 1982	1980 - 1982	1979 - 1982	1978 - 1982	0	0	0	0	1973 - 1982	0
1983	1,106	2.463	0	0	1980 - 1983	1979 - 1983	0	0	0	0	0	0
1984	1,106	2.463	1983 - 1984	0	0	1980 - 1984	1979 - 1984	0	0	0	0	0
1985	1,108	2.468	0	0	0	0	1980 - 1985	1979 - 1985	0	0	0	0
1986	1,090	2.428	1985 - 1986	1984 - 1986	1983 - 1986	0	0	1980 - 1986	1979 - 1986	0	0	0
1987	1,099	2.448	0	1985 - 1987	1984 - 1987	1983 - 1987	0	0	1980 - 1987	1979 - 1987	0	0
1988	1,145	2.550	0	0	0	0	0	0	0	1980 - 1988	0	0
1989	1,151	2.563	0	0	0	0	0	0	0	0	1980 - 1989	0
1990	1,061	2.363	1989 - 1990	1988 - 1990	1987 - 1990	1986 - 1990	1985 - 1990	1984 - 1990	1983 - 1990	0	1981 - 1990	1980 - 1990
1991	1,038	2.312	1990 - 1991	1989 - 1991	1988 - 1991	1987 - 1991	1986 - 1991	1985 - 1991	1984 - 1991	1983 - 1991	1982 - 1991	1981 - 1991
1992	1,029	2.292	1991 - 1992	1990 - 1992	1989 - 1992	1988 - 1992	1987 - 1992	1986 - 1992	1985 - 1992	1984 - 1992	1983 - 1992	1982 - 1992
1993	1,056	2.352	0	0	1990 - 1993	1989 - 1993	1988 - 1993	1987 - 1993	1986 - 1993	1985 - 1993	1984 - 1993	1983 - 1993
1994	1,011	2.252	1993 - 1994	1992 - 1994	1991 - 1994	1990 - 1994	1989 - 1994	1988 - 1994	1987 - 1994	1986 - 1994	1985 - 1994	1984 - 1994
1995	1,030	2.294	0	1993 - 1995	0	1991 - 1995	1990 - 1995	1989 - 1995	1988 - 1995	1987 - 1995	1986 - 1995	1985 - 1995
1996	1,058	2.356	0	0	0	0	0	1990 - 1996	1989 - 1996	1988 - 1996	1987 - 1996	1986 - 1996
1997	1,080	2.405	0	0	0	0	0	0	0	1989 - 1997	1988 - 1997	1987 - 1997
1998	1,112	2.477	0	0	0	0	0	0	0	0	1989 - 1998	1988 - 1998
1999	912	2.031	1998 - 1999	1997 - 1999	1996 - 1999	1995 - 1999	1994 - 1999	1993 - 1999	1992 - 1999	1991 - 1999	1990 - 1999	1989 - 1999
2000	966	2.151	0	1998 - 2000	1997 - 2000	1996 - 2000	1995 - 2000	1994 - 2000	1993 - 2000	1992 - 2000	1991 - 2000	1990 - 2000

Annual Heat Input

RHODE ISLAND			Percentage Change Annual Heat Input									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	21	1.000										
1961	20	0.952	-4.8%									
1962	20	0.952	0.0%	-4.8%								
1963	18	0.857	-10.0%	-10.0%	-14.3%							
1964	17	0.810	-5.6%	-15.0%	-15.0%	-19.0%						
1965	22	1.048	29.4%	22.2%	10.0%	10.0%	4.8%					
1966	17	0.810	-22.7%	0.0%	-5.6%	-15.0%	-15.0%	-19.0%				
1967	19	0.905	11.8%	-13.6%	11.8%	5.6%	-5.0%	-5.0%	-9.5%			
1968	21	1.000	10.5%	23.5%	-4.5%	23.5%	16.7%	5.0%	5.0%	0.0%		
1969	21	1.000	0.0%	10.5%	23.5%	-4.5%	23.5%	16.7%	5.0%	5.0%	0.0%	
1970	21	1.000	0.0%	0.0%	10.5%	23.5%	-4.5%	23.5%	16.7%	5.0%	5.0%	0.0%
1971	19	0.905	-9.5%	-9.5%	-9.5%	0.0%	11.8%	-13.6%	11.8%	5.6%	-5.0%	-5.0%
1972	17	0.810	-10.5%	-19.0%	-19.0%	-19.0%	-10.5%	0.0%	-22.7%	0.0%	-5.6%	-15.0%
1973	16	0.762	-5.9%	-15.8%	-23.8%	-23.8%	-23.8%	-15.8%	-5.9%	-27.3%	-5.9%	-11.1%
1974	16	0.762	0.0%	-5.9%	-15.8%	-23.8%	-23.8%	-23.8%	-15.8%	-5.9%	-27.3%	-5.9%
1975	10	0.476	-37.5%	-37.5%	-41.2%	-47.4%	-52.4%	-52.4%	-52.4%	-47.4%	-41.2%	-54.5%
1976	7	0.333	-30.0%	-56.3%	-56.3%	-58.8%	-63.2%	-66.7%	-66.7%	-66.7%	-63.2%	-58.8%
1977	7	0.333	0.0%	-30.0%	-56.3%	-56.3%	-58.8%	-63.2%	-66.7%	-66.7%	-66.7%	-63.2%
1978	7	0.333	0.0%	0.0%	-30.0%	-56.3%	-56.3%	-58.8%	-63.2%	-66.7%	-66.7%	-66.7%
1979	8	0.381	14.3%	14.3%	14.3%	-20.0%	-50.0%	-50.0%	-52.9%	-57.9%	-61.9%	-61.9%
1980	12	0.571	50.0%	71.4%	71.4%	71.4%	20.0%	-25.0%	-25.0%	-29.4%	-36.8%	-42.9%
1981	11	0.524	-8.3%	37.5%	57.1%	57.1%	57.1%	10.0%	-31.3%	-31.3%	-35.3%	-42.1%
1982	11	0.524	0.0%	-8.3%	37.5%	57.1%	57.1%	57.1%	10.0%	-31.3%	-31.3%	-35.3%
1983	8	0.381	-27.3%	-27.3%	-33.3%	0.0%	14.3%	14.3%	-20.0%	-20.0%	-50.0%	-50.0%
1984	8	0.381	0.0%	-27.3%	-27.3%	-33.3%	-33.3%	0.0%	14.3%	14.3%	-20.0%	-50.0%
1985	8	0.381	0.0%	0.0%	-27.3%	-27.3%	-33.3%	0.0%	14.3%	14.3%	14.3%	-20.0%
1986	9	0.429	12.5%	12.5%	12.5%	-18.2%	-18.2%	-25.0%	12.5%	28.6%	28.6%	28.6%
1987	11	0.524	22.2%	37.5%	37.5%	37.5%	0.0%	0.0%	-8.3%	37.5%	57.1%	57.1%
1988	10	0.476	-9.1%	11.1%	25.0%	25.0%	25.0%	-9.1%	-9.1%	-16.7%	25.0%	42.9%
1989	7	0.333	-30.0%	-36.4%	-22.2%	-12.5%	-12.5%	-12.5%	-36.4%	-36.4%	-41.7%	-12.5%
1990	8	0.381	14.3%	-20.0%	-27.3%	-11.1%	0.0%	0.0%	0.0%	-27.3%	-27.3%	-33.3%
1991	3	0.143	-62.5%	-57.1%	-70.0%	-72.7%	-66.7%	-62.5%	-62.5%	-62.5%	-72.7%	-72.7%
1992	2	0.095	-33.3%	-75.0%	-71.4%	-80.0%	-81.8%	-77.8%	-75.0%	-75.0%	-75.0%	-81.8%
1993	1	0.048	-50.0%	-66.7%	-87.5%	-85.7%	-90.0%	-90.9%	-88.9%	-87.5%	-87.5%	-87.5%
1994	2	0.095	100.0%	0.0%	-33.3%	-75.0%	-71.4%	-80.0%	-81.8%	-77.8%	-75.0%	-75.0%
1995	6	0.286	200.0%	500.0%	200.0%	100.0%	-25.0%	-14.3%	-40.0%	-45.5%	-33.3%	-25.0%
1996	26	1.238	333.3%	1200.0%	2500.0%	1200.0%	766.7%	225.0%	271.4%	160.0%	136.4%	188.9%
1997	28	1.333	7.7%	366.7%	1300.0%	2700.0%	1300.0%	833.3%	250.0%	300.0%	180.0%	154.5%
1998	16	0.762	-42.9%	-38.5%	166.7%	700.0%	1500.0%	700.0%	433.3%	100.0%	128.6%	60.0%
1999	8	0.381	-50.0%	-71.4%	-69.2%	33.3%	300.0%	700.0%	300.0%	166.7%	0.0%	14.3%
2000	13	0.619	62.5%	-18.8%	-53.6%	-50.0%	116.7%	550.0%	1200.0%	550.0%	333.3%	62.5%
			Max									
			333.3%	1200.0%	2500.0%	2700.0%	1500.0%	833.3%	1200.0%	550.0%	333.3%	188.9%

Annual Heat Input

RHODE ISLAND			Period of Maximum Decline									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	21	1.000										
1961	20	0.952	0									
1962	20	0.952	0	0								
1963	18	0.857	0	0	0							
1964	17	0.810	0	0	0	0						
1965	22	1.048	0	0	0	0	0					
1966	17	0.810	0	0	0	0	0	0				
1967	19	0.905	0	0	0	0	0	0	0			
1968	21	1.000	0	0	0	0	0	0	0	0		
1969	21	1.000	0	0	0	0	0	0	0	0	0	
1970	21	1.000	0	0	0	0	0	0	0	0	0	0
1971	19	0.905	0	0	0	0	0	0	0	0	0	0
1972	17	0.810	0	0	0	0	0	0	0	0	0	0
1973	16	0.762	0	0	0	0	0	0	0	0	0	0
1974	16	0.762	0	0	0	0	0	0	0	0	0	0
1975	10	0.476	0	0	0	0	0	0	0	0	0	0
1976	7	0.333	0	0	0	0	0	0	0	0	0	0
1977	7	0.333	0	0	0	0	0	0	0	0	0	0
1978	7	0.333	0	0	0	0	0	0	0	0	0	0
1979	8	0.381	0	0	0	0	0	0	0	0	0	0
1980	12	0.571	0	0	0	0	0	0	0	0	0	0
1981	11	0.524	0	0	0	0	0	0	0	0	0	0
1982	11	0.524	0	0	0	0	0	0	0	0	0	0
1983	8	0.381	0	0	0	0	0	0	0	0	0	0
1984	8	0.381	0	0	0	0	0	0	0	0	0	0
1985	8	0.381	0	0	0	0	0	0	0	0	0	0
1986	9	0.429	0	0	0	0	0	0	0	0	0	0
1987	11	0.524	0	0	0	0	0	0	0	0	0	0
1988	10	0.476	0	0	0	0	0	0	0	0	0	0
1989	7	0.333	0	0	0	0	0	0	0	0	0	0
1990	8	0.381	0	0	0	0	0	0	0	0	0	0
1991	3	0.143	1990 - 1991	0	0	0	0	0	0	0	0	0
1992	2	0.095	0	1990 - 1992	0	0	0	0	0	0	0	0
1993	1	0.048	0	0	1990 - 1993	1989 - 1993	1988 - 1993	1987 - 1993	1986 - 1993	1985 - 1993	1984 - 1993	1983 - 1993
1994	2	0.095	0	0	0	0	0	0	0	0	0	0
1995	6	0.286	0	0	0	0	0	0	0	0	0	0
1996	26	1.238	0	0	0	0	0	0	0	0	0	0
1997	28	1.333	0	0	0	0	0	0	0	0	0	0
1998	16	0.762	0	0	0	0	0	0	0	0	0	0
1999	8	0.381	0	0	0	0	0	0	0	0	0	0
2000	13	0.619	0	0	0	0	0	0	0	0	0	0
			Min	-62.5%	-75.0%	-87.5%	-85.7%	-90.0%	-90.9%	-88.9%	-87.5%	-87.5%

Annual Heat Input

RHODE ISLAND			All Periods of Declines									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	21	1.000										
1961	20	0.952	1960 - 1961									
1962	20	0.952	1961 - 1962	1960 - 1962								
1963	18	0.857	1962 - 1963	1961 - 1963	1960 - 1963							
1964	17	0.810	1963 - 1964	1962 - 1964	1961 - 1964	1960 - 1964						
1965	22	1.048	0	0	0	0	0					
1966	17	0.810	1965 - 1966	1964 - 1966	1963 - 1966	1962 - 1966	1961 - 1966	1960 - 1966				
1967	19	0.905	0	1965 - 1967	0	0	1962 - 1967	1961 - 1967	1960 - 1967			
1968	21	1.000	0	0	1965 - 1968	0	0	0	0	1960 - 1968		
1969	21	1.000	1968 - 1969	0	0	1965 - 1969	0	0	0	0	1960 - 1969	
1970	21	1.000	1969 - 1970	1968 - 1970	0	0	1965 - 1970	0	0	0	0	1960 - 1970
1971	19	0.905	1970 - 1971	1969 - 1971	1968 - 1971	1967 - 1971	0	1965 - 1971	0	0	1962 - 1971	1961 - 1971
1972	17	0.810	1971 - 1972	1970 - 1972	1969 - 1972	1968 - 1972	1967 - 1972	1966 - 1972	1965 - 1972	1964 - 1972	1963 - 1972	1962 - 1972
1973	16	0.762	1972 - 1973	1971 - 1973	1970 - 1973	1969 - 1973	1968 - 1973	1967 - 1973	1966 - 1973	1965 - 1973	1964 - 1973	1963 - 1973
1974	16	0.762	1973 - 1974	1972 - 1974	1971 - 1974	1970 - 1974	1969 - 1974	1968 - 1974	1967 - 1974	1966 - 1974	1965 - 1974	1964 - 1974
1975	10	0.476	1974 - 1975	1973 - 1975	1972 - 1975	1971 - 1975	1970 - 1975	1969 - 1975	1968 - 1975	1967 - 1975	1966 - 1975	1965 - 1975
1976	7	0.333	1975 - 1976	1974 - 1976	1973 - 1976	1972 - 1976	1971 - 1976	1970 - 1976	1969 - 1976	1968 - 1976	1967 - 1976	1966 - 1976
1977	7	0.333	1976 - 1977	1975 - 1977	1974 - 1977	1973 - 1977	1972 - 1977	1971 - 1977	1970 - 1977	1969 - 1977	1968 - 1977	1967 - 1977
1978	7	0.333	1977 - 1978	1976 - 1978	1975 - 1978	1974 - 1978	1973 - 1978	1972 - 1978	1971 - 1978	1970 - 1978	1969 - 1978	1968 - 1978
1979	8	0.381	0	0	0	1975 - 1979	1974 - 1979	1973 - 1979	1972 - 1979	1971 - 1979	1970 - 1979	1969 - 1979
1980	12	0.571	0	0	0	0	0	1974 - 1980	1973 - 1980	1972 - 1980	1971 - 1980	1970 - 1980
1981	11	0.524	1980 - 1981	0	0	0	0	0	1974 - 1981	1973 - 1981	1972 - 1981	1971 - 1981
1982	11	0.524	1981 - 1982	1980 - 1982	0	0	0	0	0	1974 - 1982	1973 - 1982	1972 - 1982
1983	8	0.381	1982 - 1983	1981 - 1983	1980 - 1983	1979 - 1983	0	0	0	1975 - 1983	1974 - 1983	1973 - 1983
1984	8	0.381	1983 - 1984	1982 - 1984	1981 - 1984	1980 - 1984	1979 - 1984	0	0	0	1975 - 1984	1974 - 1984
1985	8	0.381	1984 - 1985	1983 - 1985	1982 - 1985	1981 - 1985	1980 - 1985	1979 - 1985	0	0	0	1975 - 1985
1986	9	0.429	0	0	0	1982 - 1986	1981 - 1986	1980 - 1986	0	0	0	0
1987	11	0.524	0	0	0	0	1982 - 1987	1981 - 1987	1980 - 1987	0	0	0
1988	10	0.476	1987 - 1988	0	0	0	0	1982 - 1988	1981 - 1988	1980 - 1988	0	0
1989	7	0.333	1988 - 1989	1987 - 1989	1986 - 1989	1985 - 1989	1984 - 1989	1983 - 1989	1982 - 1989	1981 - 1989	1980 - 1989	1979 - 1989
1990	8	0.381	0	1988 - 1990	1987 - 1990	1986 - 1990	1985 - 1990	1984 - 1990	1983 - 1990	1982 - 1990	1981 - 1990	1980 - 1990
1991	3	0.143	1990 - 1991	1989 - 1991	1988 - 1991	1987 - 1991	1986 - 1991	1985 - 1991	1984 - 1991	1983 - 1991	1982 - 1991	1981 - 1991
1992	2	0.095	1991 - 1992	1990 - 1992	1989 - 1992	1988 - 1992	1987 - 1992	1986 - 1992	1985 - 1992	1984 - 1992	1983 - 1992	1982 - 1992
1993	1	0.048	1992 - 1993	1991 - 1993	1990 - 1993	1989 - 1993	1988 - 1993	1987 - 1993	1986 - 1993	1985 - 1993	1984 - 1993	1983 - 1993
1994	2	0.095	0	1992 - 1994	1991 - 1994	1990 - 1994	1989 - 1994	1988 - 1994	1987 - 1994	1986 - 1994	1985 - 1994	1984 - 1994
1995	6	0.286	0	0	0	0	1990 - 1995	1989 - 1995	1988 - 1995	1987 - 1995	1986 - 1995	1985 - 1995
1996	26	1.238	0	0	0	0	0	0	0	0	0	0
1997	28	1.333	0	0	0	0	0	0	0	0	0	0
1998	16	0.762	1997 - 1998	1996 - 1998	0	0	0	0	0	0	0	0
1999	8	0.381	1998 - 1999	1997 - 1999	1996 - 1999	0	0	0	0	0	1990 - 1999	0
2000	13	0.619	0	1998 - 2000	1997 - 2000	1996 - 2000	0	0	0	0	0	0

Annual Heat Input

SOUTH CAROLINA			Percentage Change Annual Heat Input										
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR	
1960	67	1.000											
1961	74	1.104	10.4%										
1962	79	1.179	6.8%	17.9%									
1963	88	1.313	11.4%	18.9%	31.3%								
1964	80	1.194	-9.1%	1.3%	8.1%	19.4%							
1965	90	1.343	12.5%	2.3%	13.9%	21.6%	34.3%						
1966	101	1.507	12.2%	26.3%	14.8%	27.8%	36.5%	50.7%					
1967	108	1.612	6.9%	20.0%	35.0%	22.7%	36.7%	45.9%	61.2%				
1968	120	1.791	11.1%	18.8%	33.3%	50.0%	36.4%	51.9%	62.2%	79.1%			
1969	129	1.925	7.5%	19.4%	27.7%	43.3%	61.3%	46.6%	63.3%	74.3%	92.5%		
1970	153	2.284	18.6%	27.5%	41.7%	51.5%	70.0%	91.3%	73.9%	93.7%	106.8%	128.4%	
1971	161	2.403	5.2%	24.8%	34.2%	49.1%	59.4%	78.9%	101.3%	83.0%	103.8%	117.6%	
1972	178	2.657	10.6%	16.3%	38.0%	48.3%	64.8%	76.2%	97.8%	122.5%	102.3%	125.3%	
1973	189	2.821	6.2%	17.4%	23.5%	46.5%	57.5%	75.0%	87.1%	110.0%	136.3%	114.8%	
1974	175	2.612	-7.4%	-1.7%	8.7%	14.4%	35.7%	45.8%	62.0%	73.3%	94.4%	118.8%	
1975	149	2.224	-14.9%	-21.2%	-16.3%	-7.5%	-2.6%	15.5%	24.2%	38.0%	47.5%	65.6%	
1976	168	2.507	12.8%	-4.0%	-11.1%	-5.6%	4.3%	9.8%	30.2%	40.0%	55.6%	66.3%	
1977	198	2.955	17.9%	32.9%	13.1%	4.8%	11.2%	23.0%	29.4%	53.5%	65.0%	83.3%	
1978	203	3.030	2.5%	20.8%	36.2%	16.0%	7.4%	14.0%	26.1%	32.7%	57.4%	69.2%	
1979	199	2.970	-2.0%	0.5%	18.5%	33.6%	13.7%	5.3%	11.8%	23.6%	30.1%	54.3%	
1980	219	3.269	10.1%	7.9%	10.6%	30.4%	47.0%	25.1%	15.9%	23.0%	36.0%	43.1%	
1981	232	3.463	5.9%	16.6%	14.3%	17.2%	38.1%	55.7%	32.6%	22.8%	30.3%	44.1%	
1982	216	3.224	-6.9%	-1.4%	8.5%	6.4%	9.1%	28.6%	45.0%	23.4%	14.3%	21.3%	
1983	177	2.642	-18.1%	-23.7%	-19.2%	-11.1%	-12.8%	-10.6%	5.4%	18.8%	1.1%	-6.3%	
1984	187	2.791	5.6%	-13.4%	-19.4%	-14.6%	-6.0%	-7.9%	-5.6%	11.3%	25.5%	6.9%	
1985	200	2.985	7.0%	13.0%	-7.4%	-13.8%	-8.7%	0.5%	-1.5%	1.0%	19.0%	34.2%	
1986	199	2.970	-0.5%	6.4%	12.4%	-7.9%	-14.2%	-9.1%	0.0%	-2.0%	0.5%	18.5%	
1987	230	3.433	15.6%	15.0%	23.0%	29.9%	6.5%	-0.9%	5.0%	15.6%	13.3%	16.2%	
1988	237	3.537	3.0%	19.1%	18.5%	26.7%	33.9%	9.7%	2.2%	8.2%	19.1%	16.7%	
1989	244	3.642	3.0%	6.1%	22.6%	22.0%	30.5%	37.9%	13.0%	5.2%	11.4%	22.6%	
1990	239	3.567	-2.0%	0.8%	3.9%	20.1%	19.5%	27.8%	35.0%	10.6%	3.0%	9.1%	
1991	246	3.672	2.9%	0.8%	3.8%	7.0%	23.6%	23.0%	31.6%	39.0%	13.9%	6.0%	
1992	236	3.522	-4.1%	-1.3%	-3.3%	-0.4%	2.6%	18.6%	18.0%	26.2%	33.3%	9.3%	
1993	270	4.030	14.4%	9.8%	13.0%	10.7%	13.9%	17.4%	35.7%	35.0%	44.4%	52.5%	
1994	276	4.119	2.2%	16.9%	12.2%	15.5%	13.1%	16.5%	20.0%	38.7%	38.0%	47.6%	
1995	268	4.000	-2.9%	-0.7%	13.6%	8.9%	12.1%	9.8%	13.1%	16.5%	34.7%	34.0%	
1996	305	4.552	13.8%	10.5%	13.0%	29.2%	24.0%	27.6%	25.0%	28.7%	32.6%	53.3%	
1997	317	4.731	3.9%	18.3%	14.9%	17.4%	34.3%	28.9%	32.6%	29.9%	33.8%	37.8%	
1998	335	5.000	5.7%	9.8%	25.0%	21.4%	24.1%	41.9%	36.2%	40.2%	37.3%	41.4%	
1999	360	5.373	7.5%	13.6%	18.0%	34.3%	30.4%	33.3%	52.5%	46.3%	50.6%	47.5%	
2000	393	5.866	9.2%	17.3%	24.0%	28.9%	46.6%	42.4%	45.6%	66.5%	59.8%	64.4%	
			Max	18.6%	32.9%	41.7%	51.5%	70.0%	91.3%	101.3%	122.5%	136.3%	128.4%

Annual Heat Input

SOUTH CAROLINA			Period of Maximum Decline										
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR	
1960	67	1.000											
1961	74	1.104	0										
1962	79	1.179	0	0									
1963	88	1.313	0	0	0								
1964	80	1.194	0	0	0	0							
1965	90	1.343	0	0	0	0	0						
1966	101	1.507	0	0	0	0	0	0					
1967	108	1.612	0	0	0	0	0	0	0				
1968	120	1.791	0	0	0	0	0	0	0	0			
1969	129	1.925	0	0	0	0	0	0	0	0	0		
1970	153	2.284	0	0	0	0	0	0	0	0	0	0	
1971	161	2.403	0	0	0	0	0	0	0	0	0	0	
1972	178	2.657	0	0	0	0	0	0	0	0	0	0	
1973	189	2.821	0	0	0	0	0	0	0	0	0	0	
1974	175	2.612	0	0	0	0	0	0	0	0	0	0	
1975	149	2.224	0	0	0	0	0	0	0	0	0	0	
1976	168	2.507	0	0	0	0	0	0	0	0	0	0	
1977	198	2.955	0	0	0	0	0	0	0	0	0	0	
1978	203	3.030	0	0	0	0	0	0	0	0	0	0	
1979	199	2.970	0	0	0	0	0	0	0	0	0	0	
1980	219	3.269	0	0	0	0	0	0	0	0	0	0	
1981	232	3.463	0	0	0	0	0	0	0	0	0	0	
1982	216	3.224	0	0	0	0	0	0	0	0	0	0	
1983	177	2.642	1982 - 1983	1981 - 1983	0	0	0	1977 - 1983	0	0	0	1973 - 1983	
1984	187	2.791	0	0	1981 - 1984	1980 - 1984	0	0	1977 - 1984	0	0	0	
1985	200	2.985	0	0	0	0	0	0	0	0	0	0	
1986	199	2.970	0	0	0	0	1981 - 1986	0	0	1978 - 1986	1977 - 1986	0	
1987	230	3.433	0	0	0	0	0	0	0	0	0	0	
1988	237	3.537	0	0	0	0	0	0	0	0	0	0	
1989	244	3.642	0	0	0	0	0	0	0	0	0	0	
1990	239	3.567	0	0	0	0	0	0	0	0	0	0	
1991	246	3.672	0	0	0	0	0	0	0	0	0	0	
1992	236	3.522	0	0	0	0	0	0	0	0	0	0	
1993	270	4.030	0	0	0	0	0	0	0	0	0	0	
1994	276	4.119	0	0	0	0	0	0	0	0	0	0	
1995	268	4.000	0	0	0	0	0	0	0	0	0	0	
1996	305	4.552	0	0	0	0	0	0	0	0	0	0	
1997	317	4.731	0	0	0	0	0	0	0	0	0	0	
1998	335	5.000	0	0	0	0	0	0	0	0	0	0	
1999	360	5.373	0	0	0	0	0	0	0	0	0	0	
2000	393	5.866	0	0	0	0	0	0	0	0	0	0	
			Min	-18.1%	-23.7%	-19.4%	-14.6%	-14.2%	-10.6%	-5.6%	-2.0%	0.5%	-6.3%

Annual Heat Input

SOUTH CAROLINA			All Periods of Declines									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	67	1.000										
1961	74	1.104	0									
1962	79	1.179	0	0								
1963	88	1.313	0	0	0							
1964	80	1.194	1963 - 1964	0	0	0						
1965	90	1.343	0	0	0	0	0					
1966	101	1.507	0	0	0	0	0	0				
1967	108	1.612	0	0	0	0	0	0	0			
1968	120	1.791	0	0	0	0	0	0	0	0		
1969	129	1.925	0	0	0	0	0	0	0	0	0	
1970	153	2.284	0	0	0	0	0	0	0	0	0	0
1971	161	2.403	0	0	0	0	0	0	0	0	0	0
1972	178	2.657	0	0	0	0	0	0	0	0	0	0
1973	189	2.821	0	0	0	0	0	0	0	0	0	0
1974	175	2.612	1973 - 1974	1972 - 1974	0	0	0	0	0	0	0	0
1975	149	2.224	1974 - 1975	1973 - 1975	1972 - 1975	1971 - 1975	1970 - 1975	0	0	0	0	0
1976	168	2.507	0	1974 - 1976	1973 - 1976	1972 - 1976	0	0	0	0	0	0
1977	198	2.955	0	0	0	0	0	0	0	0	0	0
1978	203	3.030	0	0	0	0	0	0	0	0	0	0
1979	199	2.970	1978 - 1979	0	0	0	0	0	0	0	0	0
1980	219	3.269	0	0	0	0	0	0	0	0	0	0
1981	232	3.463	0	0	0	0	0	0	0	0	0	0
1982	216	3.224	1981 - 1982	1980 - 1982	0	0	0	0	0	0	0	0
1983	177	2.642	1982 - 1983	1981 - 1983	1980 - 1983	1979 - 1983	1978 - 1983	1977 - 1983	0	0	0	1973 - 1983
1984	187	2.791	0	1982 - 1984	1981 - 1984	1980 - 1984	1979 - 1984	1978 - 1984	1977 - 1984	0	0	0
1985	200	2.985	0	0	1982 - 1985	1981 - 1985	1980 - 1985	0	1978 - 1985	0	0	0
1986	199	2.970	1985 - 1986	0	0	1982 - 1986	1981 - 1986	1980 - 1986	1979 - 1986	1978 - 1986	0	0
1987	230	3.433	0	0	0	0	0	1981 - 1987	0	0	0	0
1988	237	3.537	0	0	0	0	0	0	0	0	0	0
1989	244	3.642	0	0	0	0	0	0	0	0	0	0
1990	239	3.567	1989 - 1990	0	0	0	0	0	0	0	0	0
1991	246	3.672	0	0	0	0	0	0	0	0	0	0
1992	236	3.522	1991 - 1992	1990 - 1992	1989 - 1992	1988 - 1992	0	0	0	0	0	0
1993	270	4.030	0	0	0	0	0	0	0	0	0	0
1994	276	4.119	0	0	0	0	0	0	0	0	0	0
1995	268	4.000	1994 - 1995	1993 - 1995	0	0	0	0	0	0	0	0
1996	305	4.552	0	0	0	0	0	0	0	0	0	0
1997	317	4.731	0	0	0	0	0	0	0	0	0	0
1998	335	5.000	0	0	0	0	0	0	0	0	0	0
1999	360	5.373	0	0	0	0	0	0	0	0	0	0
2000	393	5.866	0	0	0	0	0	0	0	0	0	0

Annual Heat Input

TENNESSEE			Percentage Change Annual Heat Input									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	300	1.000										
1961	277	0.923	-7.7%									
1962	274	0.913	-1.1%	-8.7%								
1963	306	1.020	11.7%	10.5%	2.0%							
1964	264	0.880	-13.7%	-3.6%	-4.7%	-12.0%						
1965	268	0.893	1.5%	-12.4%	-2.2%	-3.2%	-10.7%					
1966	293	0.977	9.3%	11.0%	-4.2%	6.9%	5.8%	-2.3%				
1967	288	0.960	-1.7%	7.5%	9.1%	-5.9%	5.1%	4.0%	-4.0%			
1968	366	1.220	27.1%	24.9%	36.6%	38.6%	19.6%	33.6%	32.1%	22.0%		
1969	373	1.243	1.9%	29.5%	27.3%	39.2%	41.3%	21.9%	36.1%	34.7%	24.3%	
1970	351	1.170	-5.9%	-4.1%	21.9%	19.8%	31.0%	33.0%	14.7%	28.1%	26.7%	17.0%
1971	330	1.100	-6.0%	-11.5%	-9.8%	14.6%	12.6%	23.1%	25.0%	7.8%	20.4%	19.1%
1972	398	1.327	20.6%	13.4%	6.7%	8.7%	38.2%	35.8%	48.5%	50.8%	30.1%	45.3%
1973	478	1.593	20.1%	44.8%	36.2%	28.2%	30.6%	66.0%	63.1%	78.4%	81.1%	56.2%
1974	408	1.360	-14.6%	2.5%	23.6%	16.2%	9.4%	11.5%	41.7%	39.2%	52.2%	54.5%
1975	422	1.407	3.4%	-11.7%	6.0%	27.9%	20.2%	13.1%	15.3%	46.5%	44.0%	57.5%
1976	517	1.723	22.5%	26.7%	8.2%	29.9%	56.7%	47.3%	38.6%	41.3%	79.5%	76.5%
1977	510	1.700	-1.4%	20.9%	25.0%	6.7%	28.1%	54.5%	45.3%	36.7%	39.3%	77.1%
1978	518	1.727	1.6%	0.2%	22.7%	27.0%	8.4%	30.2%	57.0%	47.6%	38.9%	41.5%
1979	468	1.560	-9.7%	-8.2%	-9.5%	10.9%	14.7%	-2.1%	17.6%	41.8%	33.3%	25.5%
1980	507	1.690	8.3%	-2.1%	-0.6%	-1.9%	20.1%	24.3%	6.1%	27.4%	53.6%	44.4%
1981	478	1.593	-5.7%	2.1%	-7.7%	-6.3%	-7.5%	13.3%	17.2%	0.0%	20.1%	44.8%
1982	393	1.310	-17.8%	-22.5%	-16.0%	-24.1%	-22.9%	-24.0%	-6.9%	-3.7%	-17.8%	-1.3%
1983	442	1.473	12.5%	-7.5%	-12.8%	-5.6%	-14.7%	-13.3%	-14.5%	4.7%	8.3%	-7.5%
1984	452	1.507	2.3%	15.0%	-5.4%	-10.8%	-3.4%	-12.7%	-11.4%	-12.6%	7.1%	10.8%
1985	494	1.647	9.3%	11.8%	25.7%	3.3%	-2.6%	5.6%	-4.6%	-3.1%	-4.4%	17.1%
1986	502	1.673	1.6%	11.1%	13.6%	27.7%	5.0%	-1.0%	7.3%	-3.1%	-1.6%	-2.9%
1987	497	1.657	-1.0%	0.6%	10.0%	12.4%	26.5%	4.0%	-2.0%	6.2%	-4.1%	-2.5%
1988	508	1.693	2.2%	1.2%	2.8%	12.4%	14.9%	29.3%	6.3%	0.2%	8.5%	-1.9%
1989	461	1.537	-9.3%	-7.2%	-8.2%	-6.7%	2.0%	4.3%	17.3%	-3.6%	-9.1%	-1.5%
1990	500	1.667	8.5%	-1.6%	0.6%	-0.4%	1.2%	10.6%	13.1%	27.2%	4.6%	-1.4%
1991	470	1.567	-6.0%	2.0%	-7.5%	-5.4%	-6.4%	-4.9%	4.0%	6.3%	19.6%	-1.7%
1992	495	1.650	5.3%	-1.0%	7.4%	-2.6%	-0.4%	-1.4%	0.2%	9.5%	12.0%	26.0%
1993	588	1.960	18.8%	25.1%	17.6%	27.5%	15.7%	18.3%	17.1%	19.0%	30.1%	33.0%
1994	522	1.740	-11.2%	5.5%	11.1%	4.4%	13.2%	2.8%	5.0%	4.0%	5.7%	15.5%
1995	574	1.913	10.0%	-2.4%	16.0%	22.1%	14.8%	24.5%	13.0%	15.5%	14.3%	16.2%
1996	557	1.857	-3.0%	6.7%	-5.3%	12.5%	18.5%	11.4%	20.8%	9.6%	12.1%	11.0%
1997	584	1.947	4.8%	1.7%	11.9%	-0.7%	18.0%	24.3%	16.8%	26.7%	15.0%	17.5%
1998	561	1.870	-3.9%	0.7%	-2.3%	7.5%	-4.6%	13.3%	19.4%	12.2%	21.7%	10.4%
1999	550	1.833	-2.0%	-5.8%	-1.3%	-4.2%	5.4%	-6.5%	11.1%	17.0%	10.0%	19.3%
2000	599	1.997	8.9%	6.8%	2.6%	7.5%	4.4%	14.8%	1.9%	21.0%	27.4%	19.8%
			Max									
			27.1%	44.8%	36.6%	39.2%	56.7%	66.0%	63.1%	78.4%	81.1%	77.1%

Annual Heat Input

TENNESSEE			Period of Maximum Decline										
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR	
1960	300	1.000											
1961	277	0.923	0										
1962	274	0.913	0	0									
1963	306	1.020	0	0	0								
1964	264	0.880	0	0	0	0							
1965	268	0.893	0	0	0	0	0						
1966	293	0.977	0	0	0	0	0	0					
1967	288	0.960	0	0	0	0	0	0	0				
1968	366	1.220	0	0	0	0	0	0	0	0			
1969	373	1.243	0	0	0	0	0	0	0	0	0		
1970	351	1.170	0	0	0	0	0	0	0	0	0	0	
1971	330	1.100	0	0	0	0	0	0	0	0	0	0	
1972	398	1.327	0	0	0	0	0	0	0	0	0	0	
1973	478	1.593	0	0	0	0	0	0	0	0	0	0	
1974	408	1.360	0	0	0	0	0	0	0	0	0	0	
1975	422	1.407	0	0	0	0	0	0	0	0	0	0	
1976	517	1.723	0	0	0	0	0	0	0	0	0	0	
1977	510	1.700	0	0	0	0	0	0	0	0	0	0	
1978	518	1.727	0	0	0	0	0	0	0	0	0	0	
1979	468	1.560	0	0	0	0	0	0	0	0	0	0	
1980	507	1.690	0	0	0	0	0	0	0	0	0	0	
1981	478	1.593	0	0	0	0	0	0	0	0	0	0	
1982	393	1.310	1981 - 1982	1980 - 1982	1979 - 1982	1978 - 1982	1977 - 1982	1976 - 1982	0	0	1973 - 1982	0	
1983	442	1.473	0	0	0	0	0	0	1976 - 1983	0	0	1973 - 1983	
1984	452	1.507	0	0	0	0	0	0	0	1976 - 1984	0	0	
1985	494	1.647	0	0	0	0	0	0	0	0	0	0	
1986	502	1.673	0	0	0	0	0	0	0	0	0	0	
1987	497	1.657	0	0	0	0	0	0	0	0	0	0	
1988	508	1.693	0	0	0	0	0	0	0	0	0	0	
1989	461	1.537	0	0	0	0	0	0	0	0	0	0	
1990	500	1.667	0	0	0	0	0	0	0	0	0	0	
1991	470	1.567	0	0	0	0	0	0	0	0	0	0	
1992	495	1.650	0	0	0	0	0	0	0	0	0	0	
1993	588	1.960	0	0	0	0	0	0	0	0	0	0	
1994	522	1.740	0	0	0	0	0	0	0	0	0	0	
1995	574	1.913	0	0	0	0	0	0	0	0	0	0	
1996	557	1.857	0	0	0	0	0	0	0	0	0	0	
1997	584	1.947	0	0	0	0	0	0	0	0	0	0	
1998	561	1.870	0	0	0	0	0	0	0	0	0	0	
1999	550	1.833	0	0	0	0	0	0	0	0	0	0	
2000	599	1.997	0	0	0	0	0	0	0	0	0	0	
			Min	-17.8%	-22.5%	-16.0%	-24.1%	-22.9%	-24.0%	-14.5%	-12.6%	-17.8%	-7.5%

Annual Heat Input

TENNESSEE			All Periods of Declines									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	300	1.000										
1961	277	0.923	1960 - 1961									
1962	274	0.913	1961 - 1962	1960 - 1962								
1963	306	1.020	0	0	0							
1964	264	0.880	1963 - 1964	1962 - 1964	1961 - 1964	1960 - 1964						
1965	268	0.893	0	1963 - 1965	1962 - 1965	1961 - 1965	1960 - 1965					
1966	293	0.977	0	0	1963 - 1966	0	0	1960 - 1966				
1967	288	0.960	1966 - 1967	0	0	1963 - 1967	0	0	1960 - 1967			
1968	366	1.220	0	0	0	0	0	0	0	0		
1969	373	1.243	0	0	0	0	0	0	0	0	0	
1970	351	1.170	1969 - 1970	1968 - 1970	0	0	0	0	0	0	0	0
1971	330	1.100	1970 - 1971	1969 - 1971	1968 - 1971	0	0	0	0	0	0	0
1972	398	1.327	0	0	0	0	0	0	0	0	0	0
1973	478	1.593	0	0	0	0	0	0	0	0	0	0
1974	408	1.360	1973 - 1974	0	0	0	0	0	0	0	0	0
1975	422	1.407	0	1973 - 1975	0	0	0	0	0	0	0	0
1976	517	1.723	0	0	0	0	0	0	0	0	0	0
1977	510	1.700	1976 - 1977	0	0	0	0	0	0	0	0	0
1978	518	1.727	0	0	0	0	0	0	0	0	0	0
1979	468	1.560	1978 - 1979	1977 - 1979	1976 - 1979	0	0	1973 - 1979	0	0	0	0
1980	507	1.690	0	1978 - 1980	1977 - 1980	1976 - 1980	0	0	0	0	0	0
1981	478	1.593	1980 - 1981	0	1978 - 1981	1977 - 1981	1976 - 1981	0	0	1973 - 1981	0	0
1982	393	1.310	1981 - 1982	1980 - 1982	1979 - 1982	1978 - 1982	1977 - 1982	1976 - 1982	1975 - 1982	1974 - 1982	1973 - 1982	1972 - 1982
1983	442	1.473	0	1981 - 1983	1980 - 1983	1979 - 1983	1978 - 1983	1977 - 1983	1976 - 1983	0	0	1973 - 1983
1984	452	1.507	0	0	1981 - 1984	1980 - 1984	1979 - 1984	1978 - 1984	1977 - 1984	1976 - 1984	0	0
1985	494	1.647	0	0	0	0	1980 - 1985	0	1978 - 1985	1977 - 1985	1976 - 1985	0
1986	502	1.673	0	0	0	0	0	1980 - 1986	0	1978 - 1986	1977 - 1986	1976 - 1986
1987	497	1.657	1986 - 1987	0	0	0	0	0	1980 - 1987	0	1978 - 1987	1977 - 1987
1988	508	1.693	0	0	0	0	0	0	0	0	0	1978 - 1988
1989	461	1.537	1988 - 1989	1987 - 1989	1986 - 1989	1985 - 1989	0	0	0	1981 - 1989	1980 - 1989	1979 - 1989
1990	500	1.667	0	1988 - 1990	0	1986 - 1990	0	0	0	0	0	1980 - 1990
1991	470	1.567	1990 - 1991	0	1988 - 1991	1987 - 1991	1986 - 1991	1985 - 1991	0	0	0	1981 - 1991
1992	495	1.650	0	1990 - 1992	0	1988 - 1992	1987 - 1992	1986 - 1992	0	0	0	0
1993	588	1.960	0	0	0	0	0	0	0	0	0	0
1994	522	1.740	1993 - 1994	0	0	0	0	0	0	0	0	0
1995	574	1.913	0	1993 - 1995	0	0	0	0	0	0	0	0
1996	557	1.857	1995 - 1996	0	1993 - 1996	0	0	0	0	0	0	0
1997	584	1.947	0	0	0	1993 - 1997	0	0	0	0	0	0
1998	561	1.870	1997 - 1998	0	1995 - 1998	0	1993 - 1998	0	0	0	0	0
1999	550	1.833	1998 - 1999	1997 - 1999	1996 - 1999	1995 - 1999	0	1993 - 1999	0	0	0	0
2000	599	1.997	0	0	0	0	0	0	0	0	0	0

Annual Heat Input

VIRGINIA			Percentage Change Annual Heat Input									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	169	1.000										
1961	179	1.059	5.9%									
1962	199	1.178	11.2%	17.8%								
1963	207	1.225	4.0%	15.6%	22.5%							
1964	219	1.296	5.8%	10.1%	22.3%	29.6%						
1965	222	1.314	1.4%	7.2%	11.6%	24.0%	31.4%					
1966	224	1.325	0.9%	2.3%	8.2%	12.6%	25.1%	32.5%				
1967	219	1.296	-2.2%	-1.4%	0.0%	5.8%	10.1%	22.3%	29.6%			
1968	248	1.467	13.2%	10.7%	11.7%	13.2%	19.8%	24.6%	38.5%	46.7%		
1969	271	1.604	9.3%	23.7%	21.0%	22.1%	23.7%	30.9%	36.2%	51.4%	60.4%	
1970	286	1.692	5.5%	15.3%	30.6%	27.7%	28.8%	30.6%	38.2%	43.7%	59.8%	69.2%
1971	289	1.710	1.0%	6.6%	16.5%	32.0%	29.0%	30.2%	32.0%	39.6%	45.2%	61.5%
1972	294	1.740	1.7%	2.8%	8.5%	18.5%	34.2%	31.3%	32.4%	34.2%	42.0%	47.7%
1973	290	1.716	-1.4%	0.3%	1.4%	7.0%	16.9%	32.4%	29.5%	30.6%	32.4%	40.1%
1974	289	1.710	-0.3%	-1.7%	0.0%	1.0%	6.6%	16.5%	32.0%	29.0%	30.2%	32.0%
1975	268	1.586	-7.3%	-7.6%	-8.8%	-7.3%	-6.3%	-1.1%	8.1%	22.4%	19.6%	20.7%
1976	302	1.787	12.7%	4.5%	4.1%	2.7%	4.5%	5.6%	11.4%	21.8%	37.9%	34.8%
1977	304	1.799	0.7%	13.4%	5.2%	4.8%	3.4%	5.2%	6.3%	12.2%	22.6%	38.8%
1978	280	1.657	-7.9%	-7.3%	4.5%	-3.1%	-3.4%	-4.8%	-3.1%	-2.1%	3.3%	12.9%
1979	289	1.710	3.2%	-4.9%	-4.3%	7.8%	0.0%	-0.3%	-1.7%	0.0%	1.0%	6.6%
1980	238	1.408	-17.6%	-15.0%	-21.7%	-21.2%	-11.2%	-17.6%	-17.9%	-19.0%	-17.6%	-16.8%
1981	207	1.225	-13.0%	-28.4%	-26.1%	-31.9%	-31.5%	-22.8%	-28.4%	-28.6%	-29.6%	-28.4%
1982	189	1.118	-8.7%	-20.6%	-34.6%	-32.5%	-37.8%	-37.4%	-29.5%	-34.6%	-34.8%	-35.7%
1983	187	1.107	-1.1%	-9.7%	-21.4%	-35.3%	-33.2%	-38.5%	-38.1%	-30.2%	-35.3%	-35.5%
1984	204	1.207	9.1%	7.9%	-1.4%	-14.3%	-29.4%	-27.1%	-32.9%	-32.5%	-23.9%	-29.4%
1985	196	1.160	-3.9%	4.8%	3.7%	-5.3%	-17.6%	-32.2%	-30.0%	-35.5%	-35.1%	-26.9%
1986	221	1.308	12.8%	8.3%	18.2%	16.9%	6.8%	-7.1%	-23.5%	-21.1%	-27.3%	-26.8%
1987	243	1.438	10.0%	24.0%	19.1%	29.9%	28.6%	17.4%	2.1%	-15.9%	-13.2%	-20.1%
1988	245	1.450	0.8%	10.9%	25.0%	20.1%	31.0%	29.6%	18.4%	2.9%	-15.2%	-12.5%
1989	289	1.710	18.0%	18.9%	30.8%	47.4%	41.7%	54.5%	52.9%	39.6%	21.4%	0.0%
1990	228	1.349	-21.1%	-6.9%	-6.2%	3.2%	16.3%	11.8%	21.9%	20.6%	10.1%	-4.2%
1991	248	1.467	8.8%	-14.2%	1.2%	2.1%	12.2%	26.5%	21.6%	32.6%	31.2%	19.8%
1992	248	1.467	0.0%	8.8%	-14.2%	1.2%	2.1%	12.2%	26.5%	21.6%	32.6%	31.2%
1993	284	1.680	14.5%	14.5%	24.6%	-1.7%	15.9%	16.9%	28.5%	44.9%	39.2%	51.9%
1994	266	1.574	-6.3%	7.3%	7.3%	16.7%	-8.0%	8.6%	9.5%	20.4%	35.7%	30.4%
1995	272	1.609	2.3%	-4.2%	9.7%	9.7%	19.3%	-5.9%	11.0%	11.9%	23.1%	38.8%
1996	295	1.746	8.5%	10.9%	3.9%	19.0%	19.0%	29.4%	2.1%	20.4%	21.4%	33.5%
1997	312	1.846	5.8%	14.7%	17.3%	9.9%	25.8%	25.8%	36.8%	8.0%	27.3%	28.4%
1998	358	2.118	14.7%	21.4%	31.6%	34.6%	26.1%	44.4%	44.4%	57.0%	23.9%	46.1%
1999	367	2.172	2.5%	17.6%	24.4%	34.9%	38.0%	29.2%	48.0%	48.0%	61.0%	27.0%
2000	401	2.373	9.3%	12.0%	28.5%	35.9%	47.4%	50.8%	41.2%	61.7%	61.7%	75.9%
			Max									
			18.0%	24.0%	31.6%	47.4%	47.4%	54.5%	52.9%	61.7%	61.7%	75.9%

Annual Heat Input

VIRGINIA			Period of Maximum Decline									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	169	1.000										
1961	179	1.059	0									
1962	199	1.178	0	0								
1963	207	1.225	0	0	0							
1964	219	1.296	0	0	0	0						
1965	222	1.314	0	0	0	0	0					
1966	224	1.325	0	0	0	0	0	0				
1967	219	1.296	0	0	0	0	0	0	0			
1968	248	1.467	0	0	0	0	0	0	0	0		
1969	271	1.604	0	0	0	0	0	0	0	0	0	
1970	286	1.692	0	0	0	0	0	0	0	0	0	0
1971	289	1.710	0	0	0	0	0	0	0	0	0	0
1972	294	1.740	0	0	0	0	0	0	0	0	0	0
1973	290	1.716	0	0	0	0	0	0	0	0	0	0
1974	289	1.710	0	0	0	0	0	0	0	0	0	0
1975	268	1.586	0	0	0	0	0	0	0	0	0	0
1976	302	1.787	0	0	0	0	0	0	0	0	0	0
1977	304	1.799	0	0	0	0	0	0	0	0	0	0
1978	280	1.657	0	0	0	0	0	0	0	0	0	0
1979	289	1.710	0	0	0	0	0	0	0	0	0	0
1980	238	1.408	0	0	0	0	0	0	0	0	0	0
1981	207	1.225	0	1979 - 1981	0	0	0	0	0	0	0	0
1982	189	1.118	0	0	1979 - 1982	0	1977 - 1982	0	0	0	0	1972 - 1982
1983	187	1.107	0	0	0	1979 - 1983	0	1977 - 1983	1976 - 1983	0	1974 - 1983	0
1984	204	1.207	0	0	0	0	0	0	0	0	0	0
1985	196	1.160	0	0	0	0	0	0	0	1977 - 1985	0	0
1986	221	1.308	0	0	0	0	0	0	0	0	0	0
1987	243	1.438	0	0	0	0	0	0	0	0	0	0
1988	245	1.450	0	0	0	0	0	0	0	0	0	0
1989	289	1.710	0	0	0	0	0	0	0	0	0	0
1990	228	1.349	1989 - 1990	0	0	0	0	0	0	0	0	0
1991	248	1.467	0	0	0	0	0	0	0	0	0	0
1992	248	1.467	0	0	0	0	0	0	0	0	0	0
1993	284	1.680	0	0	0	0	0	0	0	0	0	0
1994	266	1.574	0	0	0	0	0	0	0	0	0	0
1995	272	1.609	0	0	0	0	0	0	0	0	0	0
1996	295	1.746	0	0	0	0	0	0	0	0	0	0
1997	312	1.846	0	0	0	0	0	0	0	0	0	0
1998	358	2.118	0	0	0	0	0	0	0	0	0	0
1999	367	2.172	0	0	0	0	0	0	0	0	0	0
2000	401	2.373	0	0	0	0	0	0	0	0	0	0
			Min									
			-21.1%	-28.4%	-34.6%	-35.3%	-37.8%	-38.5%	-38.1%	-35.5%	-35.3%	-35.7%

Annual Heat Input

VIRGINIA			All Periods of Declines									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	169	1.000										
1961	179	1.059	0									
1962	199	1.178	0	0								
1963	207	1.225	0	0	0							
1964	219	1.296	0	0	0	0						
1965	222	1.314	0	0	0	0	0					
1966	224	1.325	0	0	0	0	0	0				
1967	219	1.296	1966 - 1967	1965 - 1967	1964 - 1967	0	0	0	0			
1968	248	1.467	0	0	0	0	0	0	0	0		
1969	271	1.604	0	0	0	0	0	0	0	0	0	
1970	286	1.692	0	0	0	0	0	0	0	0	0	0
1971	289	1.710	0	0	0	0	0	0	0	0	0	0
1972	294	1.740	0	0	0	0	0	0	0	0	0	0
1973	290	1.716	1972 - 1973	0	0	0	0	0	0	0	0	0
1974	289	1.710	1973 - 1974	1972 - 1974	1971 - 1974	0	0	0	0	0	0	0
1975	268	1.586	1974 - 1975	1973 - 1975	1972 - 1975	1971 - 1975	1970 - 1975	1969 - 1975	0	0	0	0
1976	302	1.787	0	0	0	0	0	0	0	0	0	0
1977	304	1.799	0	0	0	0	0	0	0	0	0	0
1978	280	1.657	1977 - 1978	1976 - 1978	0	1974 - 1978	1973 - 1978	1972 - 1978	1971 - 1978	1970 - 1978	0	0
1979	289	1.710	0	1977 - 1979	1976 - 1979	0	1974 - 1979	1973 - 1979	1972 - 1979	1971 - 1979	0	0
1980	238	1.408	1979 - 1980	1978 - 1980	1977 - 1980	1976 - 1980	1975 - 1980	1974 - 1980	1973 - 1980	1972 - 1980	1971 - 1980	1970 - 1980
1981	207	1.225	1980 - 1981	1979 - 1981	1978 - 1981	1977 - 1981	1976 - 1981	1975 - 1981	1974 - 1981	1973 - 1981	1972 - 1981	1971 - 1981
1982	189	1.118	1981 - 1982	1980 - 1982	1979 - 1982	1978 - 1982	1977 - 1982	1976 - 1982	1975 - 1982	1974 - 1982	1973 - 1982	1972 - 1982
1983	187	1.107	1982 - 1983	1981 - 1983	1980 - 1983	1979 - 1983	1978 - 1983	1977 - 1983	1976 - 1983	1975 - 1983	1974 - 1983	1973 - 1983
1984	204	1.207	0	0	1981 - 1984	1980 - 1984	1979 - 1984	1978 - 1984	1977 - 1984	1976 - 1984	1975 - 1984	1974 - 1984
1985	196	1.160	1984 - 1985	0	0	1981 - 1985	1980 - 1985	1979 - 1985	1978 - 1985	1977 - 1985	1976 - 1985	1975 - 1985
1986	221	1.308	0	0	0	0	0	1980 - 1986	1979 - 1986	1978 - 1986	1977 - 1986	1976 - 1986
1987	243	1.438	0	0	0	0	0	0	0	1979 - 1987	1978 - 1987	1977 - 1987
1988	245	1.450	0	0	0	0	0	0	0	0	1979 - 1988	1978 - 1988
1989	289	1.710	0	0	0	0	0	0	0	0	0	1979 - 1989
1990	228	1.349	1989 - 1990	1988 - 1990	1987 - 1990	0	0	0	0	0	0	1980 - 1990
1991	248	1.467	0	1989 - 1991	0	0	0	0	0	0	0	0
1992	248	1.467	1991 - 1992	0	1989 - 1992	0	0	0	0	0	0	0
1993	284	1.680	0	0	0	1989 - 1993	0	0	0	0	0	0
1994	266	1.574	1993 - 1994	0	0	0	1989 - 1994	0	0	0	0	0
1995	272	1.609	0	1993 - 1995	0	0	0	1989 - 1995	0	0	0	0
1996	295	1.746	0	0	0	0	0	0	0	0	0	0
1997	312	1.846	0	0	0	0	0	0	0	0	0	0
1998	358	2.118	0	0	0	0	0	0	0	0	0	0
1999	367	2.172	0	0	0	0	0	0	0	0	0	0
2000	401	2.373	0	0	0	0	0	0	0	0	0	0

Annual Heat Input

WEST VIRGINIA			Percentage Change Annual Heat Input									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	141	1.000										
1961	162	1.155	15.5%									
1962	166	1.182	2.3%	18.2%								
1963	179	1.272	7.6%	10.1%	27.2%							
1964	185	1.318	3.6%	11.5%	14.1%	31.8%						
1965	191	1.355	2.8%	6.5%	14.6%	17.3%	35.5%					
1966	229	1.631	20.4%	23.7%	28.2%	38.0%	41.2%	63.1%				
1967	267	1.896	16.3%	39.9%	43.9%	49.1%	60.4%	64.2%	89.6%			
1968	312	2.219	17.0%	36.1%	63.8%	68.4%	74.5%	87.7%	92.1%	121.9%		
1969	346	2.462	10.9%	29.8%	50.9%	81.7%	86.8%	93.6%	108.2%	113.1%	146.2%	
1970	347	2.469	0.3%	11.3%	30.2%	51.4%	82.3%	87.4%	94.2%	108.9%	113.8%	146.9%
1971	377	2.679	8.5%	8.8%	20.7%	41.3%	64.3%	97.7%	103.3%	110.7%	126.7%	132.0%
1972	465	3.306	23.4%	33.9%	34.3%	49.0%	74.3%	102.7%	144.0%	150.8%	160.0%	179.7%
1973	549	3.902	18.0%	45.6%	58.0%	58.5%	75.8%	105.8%	139.2%	188.0%	196.1%	206.8%
1974	586	4.167	6.8%	26.1%	55.5%	68.8%	69.3%	87.8%	119.8%	155.5%	207.6%	216.2%
1975	599	4.262	2.3%	9.2%	28.9%	59.1%	72.6%	73.1%	92.1%	124.8%	161.3%	214.5%
1976	645	4.585	7.6%	10.0%	17.5%	38.7%	71.1%	85.7%	86.2%	106.6%	141.8%	181.1%
1977	649	4.615	0.7%	8.3%	10.7%	18.3%	39.6%	72.2%	86.9%	87.5%	107.9%	143.4%
1978	601	4.273	-7.4%	-6.8%	0.3%	2.5%	9.5%	29.3%	59.5%	73.0%	73.6%	92.6%
1979	654	4.653	8.9%	0.8%	1.5%	9.2%	11.7%	19.2%	40.7%	73.7%	88.4%	89.0%
1980	692	4.920	5.7%	15.1%	6.6%	7.3%	15.4%	18.1%	26.1%	48.8%	83.6%	99.2%
1981	730	5.189	5.5%	11.5%	21.4%	12.5%	13.2%	21.8%	24.5%	33.0%	57.0%	93.7%
1982	680	4.834	-6.9%	-1.7%	3.9%	13.1%	4.7%	5.4%	13.4%	16.0%	23.9%	46.2%
1983	716	5.092	5.4%	-1.9%	3.5%	9.4%	19.2%	10.4%	11.1%	19.5%	22.2%	30.5%
1984	766	5.449	7.0%	12.7%	5.0%	10.8%	17.1%	27.5%	18.1%	18.8%	27.9%	30.8%
1985	779	5.538	1.6%	8.8%	14.6%	6.7%	12.6%	19.0%	29.6%	20.0%	20.8%	30.0%
1986	766	5.448	-1.6%	0.0%	7.0%	12.7%	5.0%	10.7%	17.1%	27.5%	18.1%	18.8%
1987	761	5.414	-0.6%	-2.2%	-0.6%	6.3%	12.0%	4.3%	10.0%	16.4%	26.7%	17.3%
1988	791	5.625	3.9%	3.3%	1.6%	3.2%	10.5%	16.4%	8.4%	14.3%	20.9%	31.6%
1989	803	5.711	1.5%	5.5%	4.8%	3.1%	4.8%	12.2%	18.2%	10.1%	16.1%	22.7%
1990	744	5.291	-7.4%	-5.9%	-2.3%	-2.9%	-4.5%	-2.9%	3.9%	9.5%	2.0%	7.5%
1991	689	4.902	-7.4%	-14.2%	-12.9%	-9.5%	-10.0%	-11.5%	-10.0%	-3.7%	1.4%	-5.5%
1992	703	4.997	1.9%	-5.6%	-12.5%	-11.2%	-7.7%	-8.3%	-9.8%	-8.3%	-1.9%	3.4%
1993	694	4.936	-1.2%	0.7%	-6.7%	-13.6%	-12.3%	-8.8%	-9.4%	-10.9%	-9.4%	-3.1%
1994	756	5.377	8.9%	7.6%	9.7%	1.6%	-5.9%	-4.4%	-0.7%	-1.3%	-2.9%	-1.3%
1995	761	5.415	0.7%	9.7%	8.4%	10.5%	2.4%	-5.2%	-3.7%	0.0%	-0.6%	-2.2%
1996	811	5.771	6.6%	7.3%	16.9%	15.5%	17.7%	9.1%	1.0%	2.6%	6.6%	5.9%
1997	855	6.082	5.4%	12.3%	13.1%	23.2%	21.7%	24.1%	14.9%	6.5%	8.1%	12.3%
1998	865	6.149	1.1%	6.6%	13.6%	14.4%	24.6%	23.1%	25.4%	16.2%	7.7%	9.3%
1999	892	6.346	3.2%	4.4%	10.0%	17.2%	18.0%	28.6%	27.0%	29.5%	19.9%	11.1%
2000	879	6.252	-1.5%	1.7%	2.8%	8.3%	15.4%	16.3%	26.7%	25.1%	27.5%	18.2%
			Max									
			23.4%	45.6%	63.8%	81.7%	86.8%	105.8%	144.0%	188.0%	207.6%	216.2%

Annual Heat Input

WEST VIRGINIA			Period of Maximum Decline										
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR	
1960	141	1.000											
1961	162	1.155	0										
1962	166	1.182	0	0									
1963	179	1.272	0	0	0								
1964	185	1.318	0	0	0	0							
1965	191	1.355	0	0	0	0	0						
1966	229	1.631	0	0	0	0	0	0					
1967	267	1.896	0	0	0	0	0	0	0				
1968	312	2.219	0	0	0	0	0	0	0	0			
1969	346	2.462	0	0	0	0	0	0	0	0	0		
1970	347	2.469	0	0	0	0	0	0	0	0	0	0	
1971	377	2.679	0	0	0	0	0	0	0	0	0	0	
1972	465	3.306	0	0	0	0	0	0	0	0	0	0	
1973	549	3.902	0	0	0	0	0	0	0	0	0	0	
1974	586	4.167	0	0	0	0	0	0	0	0	0	0	
1975	599	4.262	0	0	0	0	0	0	0	0	0	0	
1976	645	4.585	0	0	0	0	0	0	0	0	0	0	
1977	649	4.615	0	0	0	0	0	0	0	0	0	0	
1978	601	4.273	1977 - 1978	0	0	0	0	0	0	0	0	0	
1979	654	4.653	0	0	0	0	0	0	0	0	0	0	
1980	692	4.920	0	0	0	0	0	0	0	0	0	0	
1981	730	5.189	0	0	0	0	0	0	0	0	0	0	
1982	680	4.834	0	0	0	0	0	0	0	0	0	0	
1983	716	5.092	0	0	0	0	0	0	0	0	0	0	
1984	766	5.449	0	0	0	0	0	0	0	0	0	0	
1985	779	5.538	0	0	0	0	0	0	0	0	0	0	
1986	766	5.448	0	0	0	0	0	0	0	0	0	0	
1987	761	5.414	0	0	0	0	0	0	0	0	0	0	
1988	791	5.625	0	0	0	0	0	0	0	0	0	0	
1989	803	5.711	0	0	0	0	0	0	0	0	0	0	
1990	744	5.291	0	0	0	0	0	0	0	0	0	0	
1991	689	4.902	0	1989 - 1991	1988 - 1991	0	0	1985 - 1991	1984 - 1991	0	0	1981 - 1991	
1992	703	4.997	0	0	0	0	0	0	0	0	0	0	
1993	694	4.936	0	0	0	1989 - 1993	1988 - 1993	0	0	1985 - 1993	1984 - 1993	0	
1994	756	5.377	0	0	0	0	0	0	0	0	0	0	
1995	761	5.415	0	0	0	0	0	0	0	0	0	0	
1996	811	5.771	0	0	0	0	0	0	0	0	0	0	
1997	855	6.082	0	0	0	0	0	0	0	0	0	0	
1998	865	6.149	0	0	0	0	0	0	0	0	0	0	
1999	892	6.346	0	0	0	0	0	0	0	0	0	0	
2000	879	6.252	0	0	0	0	0	0	0	0	0	0	
			Min	-7.4%	-14.2%	-12.9%	-13.6%	-12.3%	-11.5%	-10.0%	-10.9%	-9.4%	-5.5%

Annual Heat Input

WEST VIRGINIA			All Periods of Declines									
YEAR	HI_TBtu	HIRatio	1_YR	2_YR	3_YR	4_YR	5_YR	6_YR	7_YR	8_YR	9_YR	10_YR
1960	141	1.000										
1961	162	1.155	0									
1962	166	1.182	0	0								
1963	179	1.272	0	0	0							
1964	185	1.318	0	0	0	0						
1965	191	1.355	0	0	0	0	0					
1966	229	1.631	0	0	0	0	0	0				
1967	267	1.896	0	0	0	0	0	0	0			
1968	312	2.219	0	0	0	0	0	0	0	0		
1969	346	2.462	0	0	0	0	0	0	0	0	0	
1970	347	2.469	0	0	0	0	0	0	0	0	0	0
1971	377	2.679	0	0	0	0	0	0	0	0	0	0
1972	465	3.306	0	0	0	0	0	0	0	0	0	0
1973	549	3.902	0	0	0	0	0	0	0	0	0	0
1974	586	4.167	0	0	0	0	0	0	0	0	0	0
1975	599	4.262	0	0	0	0	0	0	0	0	0	0
1976	645	4.585	0	0	0	0	0	0	0	0	0	0
1977	649	4.615	0	0	0	0	0	0	0	0	0	0
1978	601	4.273	1977 - 1978	1976 - 1978	0	0	0	0	0	0	0	0
1979	654	4.653	0	0	0	0	0	0	0	0	0	0
1980	692	4.920	0	0	0	0	0	0	0	0	0	0
1981	730	5.189	0	0	0	0	0	0	0	0	0	0
1982	680	4.834	1981 - 1982	1980 - 1982	0	0	0	0	0	0	0	0
1983	716	5.092	0	1981 - 1983	0	0	0	0	0	0	0	0
1984	766	5.449	0	0	0	0	0	0	0	0	0	0
1985	779	5.538	0	0	0	0	0	0	0	0	0	0
1986	766	5.448	1985 - 1986	1984 - 1986	0	0	0	0	0	0	0	0
1987	761	5.414	1986 - 1987	1985 - 1987	1984 - 1987	0	0	0	0	0	0	0
1988	791	5.625	0	0	0	0	0	0	0	0	0	0
1989	803	5.711	0	0	0	0	0	0	0	0	0	0
1990	744	5.291	1989 - 1990	1988 - 1990	1987 - 1990	1986 - 1990	1985 - 1990	1984 - 1990	0	0	0	0
1991	689	4.902	1990 - 1991	1989 - 1991	1988 - 1991	1987 - 1991	1986 - 1991	1985 - 1991	1984 - 1991	1983 - 1991	0	1981 - 1991
1992	703	4.997	0	1990 - 1992	1989 - 1992	1988 - 1992	1987 - 1992	1986 - 1992	1985 - 1992	1984 - 1992	1983 - 1992	0
1993	694	4.936	1992 - 1993	0	1990 - 1993	1989 - 1993	1988 - 1993	1987 - 1993	1986 - 1993	1985 - 1993	1984 - 1993	1983 - 1993
1994	756	5.377	0	0	0	0	1989 - 1994	1988 - 1994	1987 - 1994	1986 - 1994	1985 - 1994	1984 - 1994
1995	761	5.415	0	0	0	0	0	1989 - 1995	1988 - 1995	0	1986 - 1995	1985 - 1995
1996	811	5.771	0	0	0	0	0	0	0	0	0	0
1997	855	6.082	0	0	0	0	0	0	0	0	0	0
1998	865	6.149	0	0	0	0	0	0	0	0	0	0
1999	892	6.346	0	0	0	0	0	0	0	0	0	0
2000	879	6.252	1999 - 2000	0	0	0	0	0	0	0	0	0